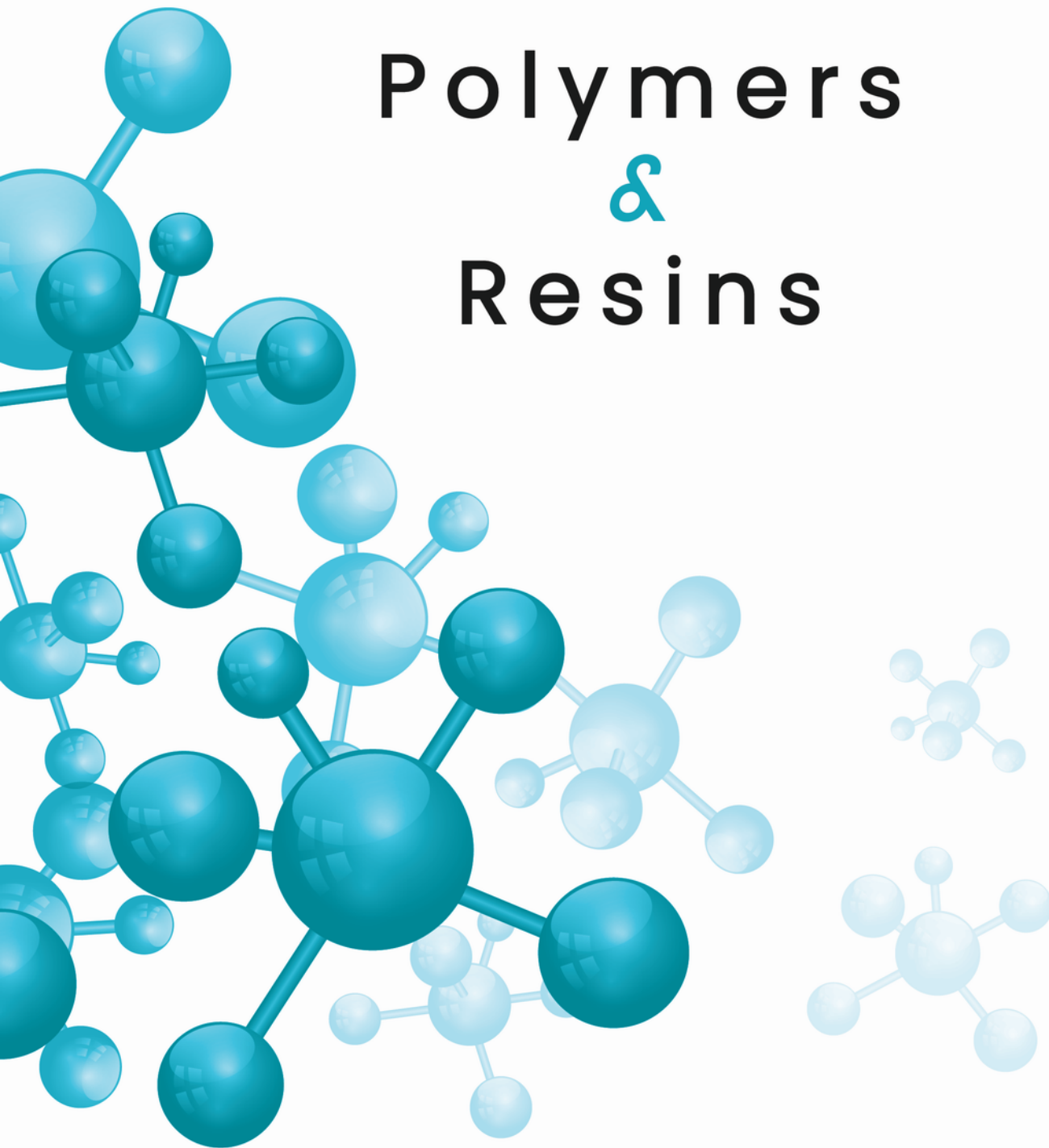




YODEEN
FOR CHEMICAL INDUSTRIES

Polymers & Resins



Yodeen for Chemical Industries was established in 1953 by Mr. Youssef Abdeen, whose family background brings vast experience in the dyes, paints, and chemical materials industries.


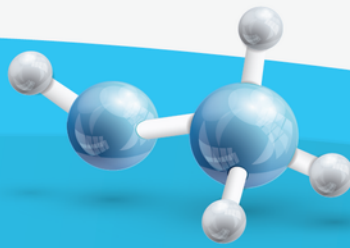
In 1957, the company focused on the production of ready-to-use paints, such as varnish, until the early sixties.

By 1970, the company had gained both experience and skills, which set forth its focus on upgrading its quality production and achieving a notable increase in volume output by building a new alkyd resin production line. The new section gained a remarkable reputation in its field, leading to a continued increase in production to meet market demand.

In 1993, another new line was established for the production of Poly Vinyl Acetate, not only to meet the needs of the increased production volume but also to cover a portion of the market needs for water-based paints, isolating materials, textiles, carpets and cartons.

In 2007, a new sister company was added to the chemical complex. The new company, Yodeen for Chemical Industries, Youssef Abdeen & Co., wholly and legally replacing the old entity, it immediately started its production of /13500/MT tons of Resins and /4500/ MT tons of Polymers in Adra Industrial zone.

With its rich background, good reputation, and acquired skills, the new company has set forth a well-planned strategy to further upgrade its quality products, increase its production output, and venture into new high-tech projects to be implemented soon and in stages.



Long Oil Alkyd Resin

DESCRIPTION

An odorless long oil alkyd resin based on soya fatty acid. It gives good gloss retention, air drying, brushability, and good yellowing resistance.

TECHNICAL SPECIFICATIONS

Type of oil	Soya Fatty Acid
Oil length	65±1 %
Solid content(35min at 150° C)	55 ±2, 60 ±2, 70 ±2 %
Polyol	Pentaerythritol
Solvent	White spirit odorless
Density at 20° C	0.93
Acid value	Max. 11mg KOH/g
Viscosity (25°C, sp.6 , 20rpm)	1,000 - 2,000 cps
Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
White Spirit, Toluene, Xylene, n-Butyl acetate, and
Methyl ethyl acetone

APPLICATIONS

- Interior and exterior decorative paints
- Primers and top coats for wooden and metal surfaces
- Marine paints
- Industrial paints

DRIERS

0.06% Co, 0.24 % Ca, and 0.33 % Zr (Metal solid content)

COMPATIBILITY

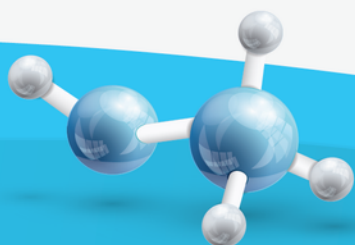
Not compatible with short oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Long Oil Alkyd Resin

DESCRIPTION

A low viscosity long oil alkyd resin based on soya fatty acid. It gives good gloss, drying speed, outdoor durability, brushability, and good yellowing resistance.

TECHNICAL SPECIFICATIONS	Type of oil	Soya Fatty Acid
	Oil length	63±1 %
	Solid content(35min at 150° C)	55 ±2, 60 ±2, 70 ±2 %
	Polyol	Pentaerythritol
	Solvent	White spirit
	Density at 20° C	0.93
	Acid value	Max. 11mg KOH/g
	Viscosity (25°C, sp.5 , 20rpm)	1,000 - 2,000 cps
	Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
White Spirit, Toluene, Xylene, n-Butyl acetate, and
Methyl ethyl acetone

APPLICATIONS

- Interior and exterior decorative paints
- Primers and top coats for wooden and metal surfaces
- Industrial paints

DRIERS

0.06% Co, 0.24 % Ca, and 0.33 % Zr (Metal solid content)

COMPATIBILITY

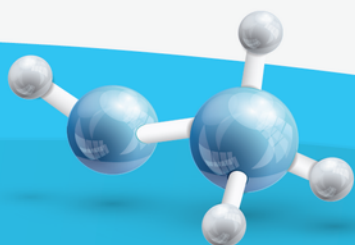
Not compatible with short oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Long Oil Alkyd Resin

DESCRIPTION

A long oil alkyd resin based on soya fatty acid. It gives good gloss, drying speed, outdoor durability, brushability, and good yellowing resistance.

TECHNICAL SPECIFICATIONS

Type of oil	Soya Fatty Acid
Oil length	63±1 %
Solid content(1hr at 130° C)	70 ±2 %, 80 ±2 %
Polyol	Pentaerythritol
Solvent	White spirit
Density at 20° C	0.93
Acid value	10 - 12 mg KOH/g
Viscosity (25°C, sp.4 , 30rpm)	5,000 - 8,000 cps
Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
White Spirit, Toluene, Xylene, n-Butyl acetate, and
Methyl ethyl acetone

APPLICATIONS

- Interior and exterior decorative paints
- Primers and top coats for wooden and metal surfaces
- Marine paints
- Industrial paints

DRIERS

0.06% Co, 0.24 % Ca, and 0.33 % Zr (Metal solid content)

COMPATIBILITY

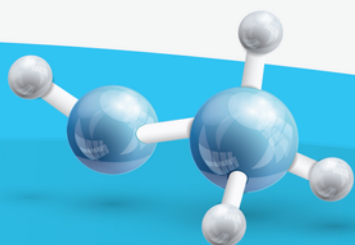
Not compatible with short oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Long Oil Alkyd Resin

DESCRIPTION

A long oil alkyd resin based on soya oil. It gives good gloss, drying speed, outdoor durability, brushability, and good yellowing resistance.

TECHNICAL SPECIFICATIONS

Type of oil	Soya oil
Oil length	63±1 %
Solid content(1 hr at 130° C)	70 ±2 %
Polyol	Pentaerythritol
Solvent	White spirit
Density at 20° C	0.93
Acid value	Max. 11 mg KOH/g
Viscosity (25°C, sp.4 , 30rpm)	2,000 - 4,000 cps
Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
White Spirit, Toluene, Xylene, n-Butyl acetate, and
Methyl ethyl acetone

APPLICATIONS

- Interior and exterior decorative paints
- Primers and top coats for wooden and metal surfaces
- Marine paints

DRIERS

0.06% Co, 0.24 % Ca, and 0.33 % Zr (Metal solid content)

COMPATIBILITY

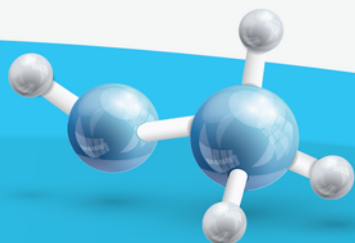
Not compatible with short oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Long Oil Alkyd Resin

DESCRIPTION

A long oil alkyd resin based on soya oil. It gives good gloss, drying speed, outdoor durability, brushability, and good yellowing resistance.

TECHNICAL SPECIFICATIONS

Type of oil	Soya oil
Oil length	60±1 %
Solid content(1 hr at 130° C)	70 ±2%, 80 ±2%
Polyol	Pentaerythritol
Solvent	White spirit
Density at 20° C	0.93
Acid value	10 - 12 mg KOH/g
Viscosity (25°C, sp.4 , 30rpm, at 60% conc.)	5,000 - 8,000 cps
Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
White Spirit, Toluene, Xylene, n-Butyl acetate, and
Methyl ethyl acetone

APPLICATIONS

- Interior and exterior decorative paints
- Primers and top coats for wooden and metal surfaces
- Marine paints

DRIERS

0.06% Co, 0.24 % Ca, and 0.33 % Zr (Metal solid content)

COMPATIBILITY

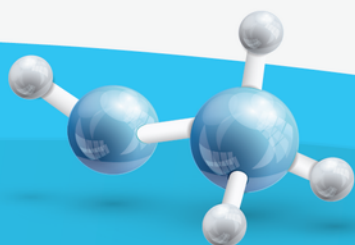
Not compatible with short oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Long Oil Alkyd Resin

DESCRIPTION

A long oil alkyd resin based on soya oil. It gives good gloss, drying speed, outdoor durability, brushability, and good yellowing resistance.

TECHNICAL SPECIFICATIONS

Type of oil	Soya oil
Oil length	57±1 %
Solid content(1hr at 130° C)	55 ±2%, 70 ±2%
Polyol	Pentaerythritol
Solvent	White spirit
Density at 20° C	0.93
Acid value	10 - 12 mg KOH/g
Viscosity (25°C, sp.3 , 30rpm, at 60% conc.)	2,000 - 3,000 cps
Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
White Spirit, Toluene, Xylene, n-Butyl acetate, and
Methyl ethyl acetone

APPLICATIONS

- Interior and exterior decorative paints
- Primers and top coats for wooden and metal surfaces
- Marine paints

DRIERS

0.06% Co, 0.24 % Ca, and 0.33 % Zr (Metal solid content)

COMPATIBILITY

Not compatible with short oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums

Long Oil Alkyd Resin

DESCRIPTION

A long oil alkyd resin based on air drying soya fatty acid. It gives good gloss retention, outdoor durability, brushability, and good yellowing resistance.

TECHNICAL SPECIFICATIONS	Type of oil	Soya Fatty Acid
	Oil length	60±1 %
	Solid content(1hr at 130° C)	55 ±2%, 60±2%, 70±2%
	Polyol	Glycerol
	Solvent	White spirit
	Density at 20° C	0.93
	Acid value	10 - 12 mg KOH/g
	Viscosity (25°C, sp.7 , 30rpm, at 60% conc.)	40,000 - 50,000 cps
	Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
White Spirit, Toluene, Xylene, n-Butyl acetate, and
Methyl ethyl acetone

APPLICATIONS

- Interior and exterior decorative paints (glossy and semi glossy)
- Anti-corrosion and industrial paints

DRIERS

0.06% Co, 0.24 % Ca, and 0.33 % Zr (Metal solid content)

COMPATIBILITY

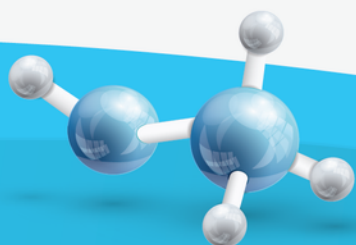
Not compatible with short oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Long Oil Alkyd Resin

DESCRIPTION

A long oil alkyd resin based on air drying soya oil. It gives good gloss retention, outdoor durability, brushability, and good yellowing resistance.

TECHNICAL SPECIFICATIONS	Type of oil	Soya oil
	Oil length	60±1 %
	Solid content(1hr at 130° C)	60 ±2%, 70±2%
	Polyol	Glycerol
	Solvent	White spirit
	Density at 20° C	0.93
	Acid value	12.5 - 13.5 mg KOH/g
	Viscosity (25°C, sp.7 , 30rpm, at 60% conc.)	40,000 - 50,000 cps
	Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
White Spirit, Toluene, Xylene, n-Butyl acetate, and
Methyl ethyl acetone

APPLICATIONS

- Interior and exterior decorative paints (glossy and matte)
- Anti-corrosion
- Industrial paints

DRIERS

0.06% Co, 0.24 % Ca, and 0.33 % Zr (Metal solid content)

COMPATIBILITY

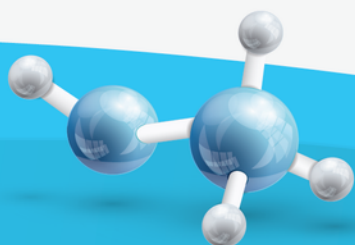
Not compatible with short oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Medium Oil Alkyd Resin

DESCRIPTION

A medium oil alkyd resin based on air drying soya fatty acid. It gives good gloss retention, outdoor durability, brushability, and good yellowing resistance.

TECHNICAL SPECIFICATIONS	Type of oil	Soya fatty acid
	Oil length	45±1 %
	Solid content(1 hr at 130° C)	60 ±2%, 70 ±2%, 95 ±2%
	Polyol	Glycerol
	Solvent	White spirit
	Density at 20° C	0.93
	Acid value	10 - 12 mg KOH/g
	Viscosity (25°C, sp.7 , 30rpm, at 60% conc.)	40,000 - 60,000 cps
	Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
White Spirit, Toluene, Xylene, n-Butyl acetate, and
Methyl ethyl acetone

APPLICATIONS

- Interior and exterior decorative paints. (Glossy and matte)
- Anti-corrosion and bases

DRIERS

0.06% Co, 0.24 % Ca, and 0.33 % Zr (Metal solid content)

COMPATIBILITY

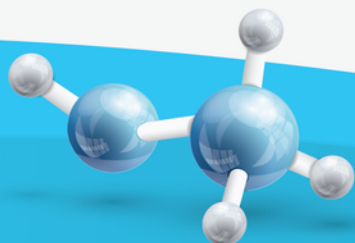
Not compatible with short oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Medium Oil Alkyd Resin

DESCRIPTION

A medium alkyd resin based on air drying soya oil. It gives good gloss retention, outdoor durability, brushability, and good yellowing resistance.

TECHNICAL SPECIFICATIONS	Type of oil	Soya oil
	Oil length	45±1 %
	Solid content(1hr at 130° C)	60 ±2%, 70 ±2%, 95 ±2%
	Polyol	Glycerol
	Solvent	White spirit
	Density at 20° C	0.93
	Acid value	10 - 12 mg KOH/g
	Viscosity (25°C, sp.7 , 30rpm, at 60% conc.)	40,000 - 50,000 cps
	Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
White Spirit, Toluene, Xylene, n-Butyl acetate, and
Methyl ethyl acetone

APPLICATIONS

- Interior and exterior decorative paints. (Glossy and matte)
- Anti-corrosion and bases

DRIERS

0.06% Co, 0.24 % Ca, and 0.33 % Zr (Metal solid content)

COMPATIBILITY

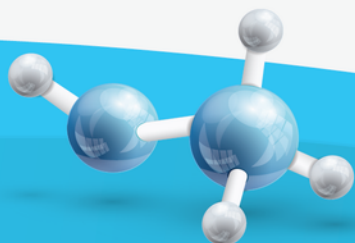
Not compatible with short oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Medium Oil Alkyd Resin

DESCRIPTION

A medium oil alkyd resin based on air drying linoleic rich fatty acid. It gives good gloss retention, outdoor durability, brushability, and excellent yellowing resistance.

TECHNICAL SPECIFICATIONS	Type of oil	Linoleic rich fatty acid
	Oil length	48±1 %
	Solid content(1hr at 130° C)	60 ±2%
	Polyol	mixed
	Solvent	White spirit /Xylene
	Density at 20° C	0.93
	Acid value	max. 11 mg KOH/g
	Viscosity (25°C, sp.7 , 20rpm, at 60% conc.)	50,000 - 70,000 cps
	Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
White Spirit, Toluene, Xylene, n-Butyl acetate, and
Methyl ethyl acetone

APPLICATIONS

- Air drying industrial primers and finishes
- Marine paints.
- Anti-rust paints

DRIERS

0.06% Co, 0.24 % Ca, and 0.33 % Zr (Metal solid content)

COMPATIBILITY

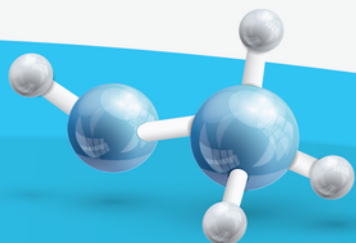
Not compatible with short oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Medium Oil Alkyd Resin

DESCRIPTION

A medium oil alkyd resin based on soya oil. It gives good gloss retention, outdoor durability, brushability, and good yellowing resistance and excellent pigment wetting.

TECHNICAL SPECIFICATIONS	Type of oil	Soya oil
	Oil length	45±1 %
	Solid content(1hr at 130° C)	60 ±2%
	Polyol	Glycerol
	Solvent	Xylene
	Density at 20° C	0.93
	Acid value	10-12 mg KOH/g
	Viscosity (25°C, sp.4 , 30rpm, at 60% conc.)	3,000 - 4,000 cps
	Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
White Spirit, Toluene, Xylene, n-Butyl acetate, and
Methyl ethyl acetone

APPLICATIONS

- Resistance to water, anticorrosion primers and industrial paints
- Anti-corrosion

DRIERS

0.06% Co, 0.24 % Ca, and 0.33 % Zr (Metal solid content)

COMPATIBILITY

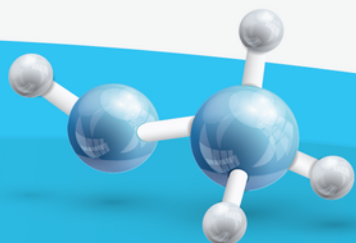
Not compatible with short oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Medium Oil Alkyd Resin

DESCRIPTION

A medium oil alkyd resin based on linoleic rich fatty acid. It gives good gloss retention, outdoor durability, brushability, good yellowing resistance, and excellent pigment wetting. It's water resistant

TECHNICAL SPECIFICATIONS	Type of oil	Linoleic Rich Fatty Acid
	Oil length	50±1 %
	Solid content(1hr at 130° C)	60 ±2%
	Polyol	Glycerol
	Solvent	Xylene
	Density at 20° C	0.93
	Acid value	max.13 mg KOH/g
	Viscosity (25°C, sp.5 , 30rpm, at 60% conc.)	15,000 - 20,000 cps
	Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
White Spirit, Toluene, Xylene, n-Butyl acetate, and
Methyl ethyl acetone

APPLICATIONS

- Anti-corrosion primers and industrial paints
- Anti-corrosion

DRIERS

0.06% Co, 0.24 % Ca, and 0.33 % Zr (Metal solid content)

COMPATIBILITY

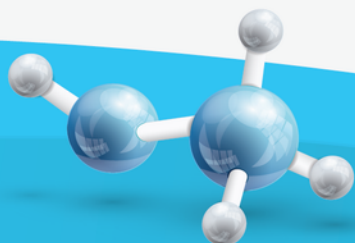
Not compatible with short oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Short oil alkyd resin

DESCRIPTION

A fast-drying short oil alkyd resin based on soya fatty acid. It presents a good color retention, hardness, excellent yellowing resistance, and good adhesion on steel.

TECHNICAL SPECIFICATIONS	Type of oil	Soya fatty acid
	Oil length	33±1 %
	Solid content(1hr at 130° C)	60 ±2%
	Polyol	Glycerol
	Solvent	Xylene
	Density at 20° C	1.01
	Acid value	max.15 mg KOH/g
	Viscosity 55% (25°C, sp.5 , 30rpm, at 60% conc.)	40,000 - 60,000 cps
	Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
Toluene, Xylene, n-Butyl acetate, and Methyl ethyl acetone

APPLICATIONS

- Stoving enamels 120-160 °C
- Nitrocellulose and polyurethane paint and lacquer
- Fast drying industrial topcoat.

COMPATIBILITY

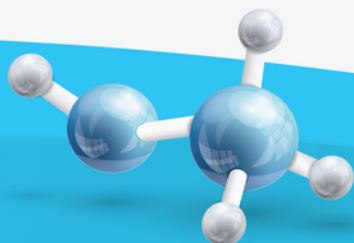
Not compatible with long oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Short oil alkyd resin

DESCRIPTION

A fast-drying short oil alkyd resin based on soya fatty acid. It presents a good color retention, good hardness, excellent yellowing resistance, and good adhesion on steel.

TECHNICAL SPECIFICATIONS	Type of oil	Soya fatty acid
	Oil length	41±1 %
	Solid content(1hr at 130° C)	60 ±2%
	Polyol	Glycerol
	Solvent	Xylene & White spirit
	Density at 20° C	1.01
	Acid value	max.13 mg KOH/g
	Viscosity (25°C, sp.5 , 30rpm, at 60% conc.)	40,000 - 60,000 cps
	Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
Toluene, Xylene, n-Butyl acetate, and Methyl ethyl acetone

APPLICATIONS

- Stoving enamels 120°C -160 °C
- Nitrocellulose and polyurethane paint and lacquer
- Fast drying industrial topcoat.

COMPATIBILITY

Not compatible with long oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums

Short oil alkyd resin

DESCRIPTION

A very fast drying short oil alkyd resin based on linseed oil. It presents a good color retention, hardness, very good adhesion, and excellent pigment wetting.

TECHNICAL SPECIFICATIONS	Type of oil	Linseed oil
	Oil length	40±1 %
	Solid content(1hr at 130° C)	60 ±2%
	Polyol	Glycerol
	Solvent	Xylene
	Density at 20° C	1.01
	Acid value	max.15 mg KOH/g
	Viscosity (25°C, sp.5 , 30rpm, at 60% conc.)	15,000 - 20,000 cps
	Color Gardener	Max. 5

SOLUBILITY

Good solubility in the following solvents:
Toluene, Xylene, n-Butyl acetate, and Methyl ethyl acetone

APPLICATIONS

- Resistance to water, anticorrosion primers and industrial paints

COMPATIBILITY

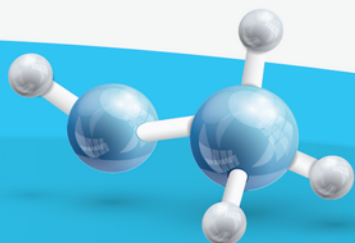
Not compatible with long oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Short oil alkyd resin

DESCRIPTION

A very fast drying short oil alkyd resin based on linseed fatty acid. It presents a good color retention, hardness, very good adhesion, and excellent pigment wetting.

TECHNICAL SPECIFICATIONS	Type of oil	Linseed fatty acid
	Oil length	40±1 %
	Solid content(1hr at 130° C)	60 ±2%
	Polyol	Glycerol
	Solvent	Xylene
	Density at 20° C	1.01
	Acid value	max.15 mg KOH/g
	Viscosity (25°C, sp.5 , 30rpm, at 60% conc.)	15,000 - 20,000 cps
	Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
Toluene, Xylene, n-Butyl acetate, and Methyl ethyl acetone

APPLICATIONS

- Resistance to water, anticorrosion primers and industrial paints

COMPATIBILITY

Not compatible with long oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums

Short oil alkyd resin

DESCRIPTION

A short air-drying alkyd resin based on soya bean oil. It presents excellent color retention, hardness, very good adhesion, excellent pigment wetting, and excellent toughness and abrasion resistance.

TECHNICAL SPECIFICATIONS	Type of oil	Soya oil
	Oil length	40±1 %
	Solid content(1hr at 130° C)	60 ±2%
	Polyol	Glycerol
	Solvent	Xylene
	Density at 20° C	1.01
	Acid value	max.15 mg KOH/g
	Viscosity (25°C, sp.5 , 30rpm, at 60% conc.)	5,000 - 10,000 cps
	Color Gardener	Max. 4

SOLUBILITY

Good solubility in the following solvents:
Toluene, Xylene, n-Butyl acetate, and Methyl ethyl acetone

APPLICATIONS

- Resistance to water, Anticorrosion primers, Industrial paints, Stoving enamel, NC-lacquers, and steel paints

COMPATIBILITY

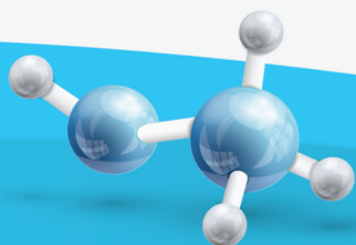
Not compatible with long oil alkyd resin

STORAGE

- Keep the product in closed drums.
- Avoid the exposure of the product to temperature more than 35°C. Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Short oil alkyd resin

DESCRIPTION

A non-drying short oil alkyd resin based on synthetic fatty acid. It presents a good color retention, hardness, yellowing resistance, and very good durability.

TECHNICAL SPECIFICATIONS	Type of oil	Synthetic coconut fatty acid
	Oil length	28±1 %
	Solid content(1hr at 130° C)	60 ±2%
	Polyol	Glycerol
	Solvent	Xylene
	Density at 20° C	1.01
	Acid value	12-15 mg KOH/g
	Viscosity (25°C, sp.6 , 30rpm, at 60% conc.)	8,000 - 15,000 cps
	Color Gardener	Max. 3

SOLUBILITY

Good solubility in the following solvents:
Toluene, Xylene, n-Butyl acetate, and Methyl ethyl acetone

APPLICATIONS

- Stoving enamels 120 -160 °C
- Nitrocellulose and polyurethane lacquers and pigment

COMPATIBILITY

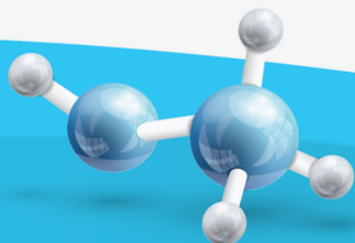
Not compatible with long oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums



Short oil alkyd resin

DESCRIPTION

A non-drying short oil alkyd resin based on coconut fatty acid. It presents a good color retention, hardness, and yellowing resistance.

TECHNICAL SPECIFICATIONS	Type of oil	Coconut Fatty Acid
	Oil length	33±1 %
	Solid content(1hr at 130° C)	60 ±2%
	Polyol	Glycerol
	Solvent	Xylene
	Density at 20° C	1.01
	Acid value	max.10 mg KOH/g
	Viscosity (25°C, sp.5 , 30rpm, at 60% conc.)	3,000 - 8,000 cps
	Color Gardener	Max. 3

SOLUBILITY

Good solubility in the following solvents:
Toluene, Xylene, n-Butyl acetate, and Methyl ethyl acetone

APPLICATIONS

- Stoving enamels 120 -160 °C
- High class two-component PU systems
- Vehicle finishes and primers

COMPATIBILITY

Not compatible with long oil alkyd resin

STORAGE

- Keep the product in closed drums.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

190 kg drums

Pure acrylic emulsion with low Tg

DESCRIPTION

Pure acrylic emulsion with low Tg, that form clear elastic tacky film when dried above 0°C. The dried film has aggressive initial tack and good cohesion

TECHNICAL SPECIFICATIONS	Appearance	White viscous emulsion
	Solid content(1hr at 130° C)	53±1 %
	Viscosity (25°C, sp.5 , 20rpm)	1,000 - 3,000 cps
	pH	6.5-7.5
	Tg (calculated)	- 41 °C
	Particle size	0,1 um
	Film	Transparent very tacky
	Emulsifier	Anionic/ Nonionic
	Free monomer	max. 30 ppm

APPLICATIONS

- Suitable for the production of pressure sensitive packaging tapes giving the next properties:
 - Aggressive initial tack
 - Good cohesion

COMPATIBILITY

Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125 kg drums

Pure acrylic emulsion

DESCRIPTION

ACR 50 is pure acrylic polymer emulsion that forms a clear, soft, elastic and glossy film when dried above 10°C has excellent adhesion to masonry, concrete, gypsum and other porous substrates. The dry films exhibit outdoor durability, good scrub and water resistance

TECHNICAL SPECIFICATIONS

Appearance	White viscous emulsion
Solid content(1hr at 130° C)	49±1 %
Viscosity (25°C, sp.5 , 20rpm)	500 - 1,500 cps
pH	7.5-8.5
MFFT	< 10°C
Tg (calculated)	1.5°C
Particle size	0,1 um
Film	Transparent elastic
Emulsifier	Anionic/ Nonionic
Free monomer	max. 30 ppm

APPLICATIONS

- Interior / exterior coatings
- Matte, semi glossy, and glossy paints
- Tile adhesives
- Elastic coating
- Quartz coatings

COMPATIBILITY

Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125 kg drums

Styrene acrylic emulsion

DESCRIPTION

STA 50 styrene acrylic copolymer emulsion forms clear, and glossy films when dried above 10°C. It has very good scrub resistance and water resistance, high pigment binding capacity, and very broad range of formulating capabilities

TECHNICAL SPECIFICATIONS	Appearance	White viscous emulsion
	Solid content(1hr at 130° C)	49±1 %
	Viscosity (25°C, sp.5 , 20rpm)	2,000 - 4,000 cps
	pH	8-9
	MFFT	>10°C
	Tg (calculated)	2°C
	Particle size	0,1 um
	Film	Transparent elastic
	Emulsifier	Anionic/ Nonionic

APPLICATIONS

- Matte, semi glossy, and glossy paints
- Tile adhesives
- Elastic coating
- Quartz coatings
- Roof coating as isolating substance giving the next advantages:
 - Excellent scrub resistance
 - Excellent water resistance
 - Excellent pigment binding
 - Excellent adhesion

COMPATIBILITY

Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125 kg drums

Polyvinyl acetate / Acrylate copolymer

DESCRIPTION

An aqueous copolymer emulsion based Polyvinyl acetate / Acrylate. it has good flexibility durability and glossiness.

TECHNICAL SPECIFICATIONS	Appearance	White viscous emulsion
	Solid content (1hr15min at 150°C)	50±2 %
	Viscosity (25°C, sp.4 , 20rpm)	3,000 -5,000 cps
	pH	4-5
	MFFT	7°C
	Particle size	0,4 um
	Film	Transparent and elastic
	Emulsifier	Anionic/ Nonionic

APPLICATIONS

- Used in the production of sheen paints. deep shade paints. interior and exterior paints, and textured coating

COMPATIBILITY

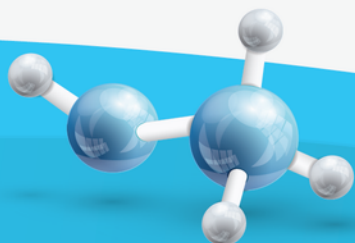
Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125 kg drums



Polyvinyl acetate / VEOVA copolymer

DESCRIPTION

It's an aqueous copolymer emulsion based Polyvinyl acetate / VEOVA. It has excellent flexibility durability and glossiness.

TECHNICAL SPECIFICATIONS	Appearance	White viscous emulsion
	Solid content (1hr 15min at 130°C)	50±2 %
	Viscosity (25°C, sp.5 , 20rpm)	5,000 - 8,000 cps
	pH	4.5-5.5
	MFFT	5°C
	Particle size	0,4 um
	Film	Transparent and elastic
	Emulsifier	Anionic/ Nonionic

APPLICATIONS

- Used in the production of sheen paints. deep shade paints. interior and exterior paints, and textured coating

COMPATIBILITY

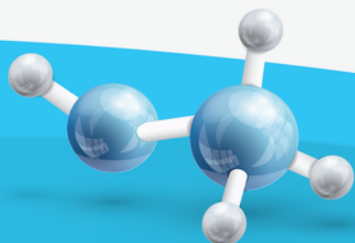
Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125 kg drums



Polyvinyl acetate emulsion

DESCRIPTION

PVA P18T is a non plasticized polyvinyl acetate homopolymer stabilised with polyvinyl alcohol, used in the production of adhesives and water-based paints.

TECHNICAL SPECIFICATIONS	Aspect	White viscous emulsion
	Solid content(1hr15mins at 130° C)	51±2 %
	Viscosity (25°C, sp.7 , 20rpm)	40,000 - 55,000 cps
	pH	4.5-5.5
	MFFT	17°C
	Particle size	0,5-3 um
	Film	Translucent
	Emulsifier	Nonionic

APPLICATIONS

- Wood, paper and carton adhesives
- Water based paints
- It can be used in banquet adhesives and bookbinding in the packing industry even when automatic machines for high-speed production used
- Textile finishing

COMPATIBILITY

Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125, 43, 16, 8, 4 kg drums

Polyvinyl acetate emulsion

DESCRIPTION

PVA P18 is a non plasticized polyvinyl acetate homopolymer stabilised with polyvinyl alcohol, used in the production of adhesives and water-based paints.

TECHNICAL SPECIFICATIONS	Aspect	White viscous emulsion
	Solid content(1hr15mins at 130° C)	52±2 %
	Viscosity (25°C, sp.7 , 20rpm)	40,000 - 60,000 cps
	pH	4.5-5.5
	MFFT	7°C
	Particle size	0.5-3 um
	Film	Translucent & elastic
	Emulsifier	Nonionic

APPLICATIONS

- Wood, paper and carton adhesives
- Water based paints
- It can be used in banquet adhesives and bookbinding in the packing industry even when automatic machines for high-speed production used

COMPATIBILITY

Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125, 43, 16, 8, 4 kg drums

Polyvinyl acetate emulsion

DESCRIPTION

PVA P 43p is a plasticized polyvinyl acetate homopolymer stabilised with polyvinyl alcohol, used in the production of adhesives and water-based paints.

TECHNICAL SPECIFICATIONS	Aspect	White viscous emulsion
	Solid content(1hr15mins at 130° C)	42±1 %
	Viscosity (25°C, sp.7 , 20rpm)	45,000 - 55,000 cps
	pH	4.5-5.5
	MFFT	2°C
	Particle size	0,5-3 um
	Film	Transparent & elastic
	Emulsifier	Nonionic

APPLICATIONS

- Wood, paper and carton adhesives
- Water based paints
- It can be used in banquet adhesives and bookbinding in the packing industry even when automatic machines for high-speed production used

COMPATIBILITY

Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125, 43, 16, 8, 4 kg drums

Polyvinyl acetate emulsion

DESCRIPTION

PVA P42 is a non-plasticized polyvinyl acetate homopolymer stabilised with polyvinyl alcohol, used in the production of adhesives and water-based paints.

TECHNICAL SPECIFICATIONS	Aspect	White viscous emulsion
	Solid content(1hr15mins at 130° C)	40±1 %
	Viscosity (25°C, sp.7 , 20rpm)	30,000 - 50,000 cps
	pH	5±1
	MFFT	17°C
	Particle size	0,5-3 um
	Film	Transparent
	Emulsifier	Nonionic

APPLICATIONS

- Wood, paper, and carton adhesives
- Water based paints
- Textile finishing
- Back carpet coating

COMPATIBILITY

Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125, 43 kg drums

Polyvinyl acetate emulsion

DESCRIPTION

PVA P42p is a plasticized polyvinyl acetate homopolymer stabilised with polyvinyl alcohol, used in the production of adhesives and water-based paints

TECHNICAL SPECIFICATIONS	Aspect	White viscous emulsion
	Solid content(1hr15mins at 130° C)	41 ±1 %
	Viscosity (25°C, sp.7 , 20rpm)	30,000 - 50,000 cps
	pH	5±1
	MFFT	11°C
	Particle size	0,5-3 um
	Film	Transparent & Elastic
	Emulsifier	Nonionic

APPLICATIONS

- Wood, paper, and carton adhesives
- Water based paints
- It can be used in banquet adhesives and bookbinding in the packing industry even when automatic machines for high speed production used

COMPATIBILITY

Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125, 43, 16, 8, 4 kg drums

Polyvinyl acetate emulsion

DESCRIPTION

PVA P 35 is a plasticized polyvinyl acetate homopolymer stabilised with polyvinyl alcohol, used in the production of adhesives, back carpet coatings and textile stiffening

TECHNICAL SPECIFICATIONS	Aspect	White viscous emulsion
	Solid content(1hr15mins at 130° C)	34 ±1 %
	Viscosity (25°C, sp.7 , 20rpm)	30,000 - 40,000 cps
	pH	4.5 - 5.5
	MFFT	17°C
	Particle size	0,5-3 um
	Film	Transparent
	Emulsifier	Nonionic

APPLICATIONS

- Wood, paper, and carton adhesives
- Back carpet coatings
- Textile stiffening

COMPATIBILITY

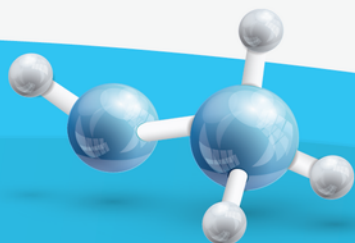
Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125, 43 kg drums



Polyvinyl acetate emulsion

DESCRIPTION

PVA P35p is a plasticized polyvinyl acetate homopolymer stabilised with polyvinyl alcohol, used in the production of adhesives and water-based paints.

TECHNICAL SPECIFICATIONS	Aspect	White viscous emulsion
	Solid content(1hr15mins at 130° C)	36±1 %
	Viscosity (25°C, sp.7 , 20rpm)	35,000 - 45,000 cps
	pH	4.5 - 5.5
	MFFT	8°C
	Particle size	0.5-3 um
	Film	Transparent & elastic
	Emulsifier	Nonionic

APPLICATIONS

- Wood, paper, and carton adhesives
- Water based paints
- It can be used in banquet adhesives and bookbinding in the packing industry even when automatic machines for high speed production used

COMPATIBILITY

Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125,43,16,8,4 kg drums

Polyvinyl acetate emulsion

DESCRIPTION

P18 LV is a non-plasticized polyvinyl acetate homopolymer stabilised with polyvinyl alcohol, used in the production of adhesives and water-based paints

TECHNICAL SPECIFICATIONS	Aspect	White viscous emulsion
	Solid content(1hr15mins at 130° C)	41±2 %
	Viscosity (25°C, sp.3 , 20rpm)	1,500 - 2,500 cps
	pH	4.5 - 5.5
	MFFT	3°C
	Particle size	0,5-3 um
	Film	Translucent & elastic
	Emulsifier	Nonionic

APPLICATIONS

- Wood, paper, and carton adhesives
- Water based paints
- It can be used in banquet adhesives and bookbinding in the packing industry even when automatic machines for high speed production used

COMPATIBILITY

Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125 kg drums

Polyvinyl acetate emulsion

DESCRIPTION

PVA P18 VLV is a non-plasticized polyvinyl acetate homopolymer stabilised with polyvinyl alcohol, used in the production of adhesives and water based paints.

TECHNICAL SPECIFICATIONS	Aspect	White viscous emulsion
	Solid content(45 min at 150° C)	50±1 %
	Viscosity (25°C, sp.5 , 20rpm)	1,500 - 2,500 cps
	pH	4.5 - 5.5
	MFFT	3°C
	Particle size	0,5-3 um
	Film	Translucent & elastic
	Emulsifier	Nonionic

APPLICATIONS

- Wood, paper, and carton adhesives
- Water based paints
- It can be used in banquet adhesives and bookbinding in the packing industry even when automatic machines for high speed production used

COMPATIBILITY

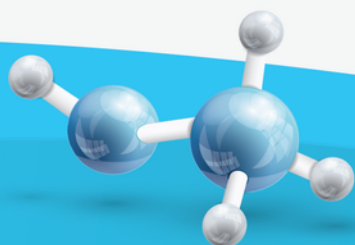
Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125 kg drums



Polyvinyl acetate / Butyl Acrylate copolymer

DESCRIPTION

An aqueous copolymer emulsion based Polyvinyl acetate / Butyl Acrylate. It has excellent flexibility, durability, and glossiness.

TECHNICAL SPECIFICATIONS	Appearance	White viscous emulsion
	Solid content (1hr15min at 130°C)	53±2 %
	Viscosity (25°C, sp.5 , 20rpm)	5,000 - 8,000 cps
	pH	4.5 - 5.5
	MFFT	5°C
	Particle size	0,4 um
	Film	Transparent & elastic
	Emulsifier	Anionic/nonionic

APPLICATIONS

- Used in the production of sheen paints, deep shade paints, interior and exterior paints and textured coating

COMPATIBILITY

Compatible with all chemical products used in water-based paints and adhesives

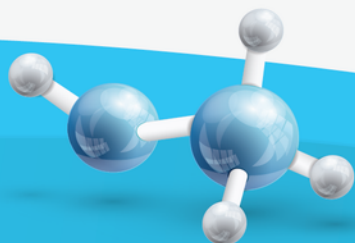
STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
- In case of skin formation, stir well before use.
- Avoid the exposure of the product to temperature more than 35°C.

Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125 kg drums



Polyvinyl acetate / Veova /Butyl Acrylate copolymer

DESCRIPTION

An aqueous copolymer emulsion based on polyvinyl acetate and butyl acrylate. It has excellent flexibility, durability, and glossiness.

TECHNICAL SPECIFICATIONS	Appearance	White viscous emulsion
	Solid content(1hr15mins at 130° C)	50±1 %
	Viscosity (25°C, sp.5 , 20rpm)	5,000 - 8,000 cps
	pH	4.5 - 5.5
	MFFT	5°C
	Particle size	0,4 um
	Film	Transparent & elastic
	Emulsifier	Anionic/nonionic

APPLICATIONS

- Used in the production of sheen paints, deep shade paints, interior and exterior paints and textured coating

COMPATIBILITY

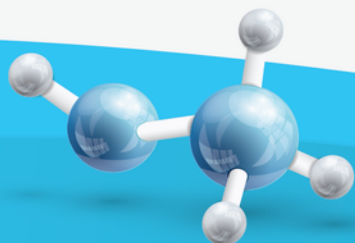
Compatible with all chemical products used in water-based paints and adhesives

STORAGE

- Keep the product in closed drums to avoid water evaporation and skin formation on the surface.
 - In case of skin formation, stir well before use.
 - Avoid the exposure of the product to temperature more than 35°C.
- Under these conditions, the product can be kept one year without notable deterioration of these properties

PACKAGING

125 kg drums



The background features several molecular structures. A large, faint white structure is in the upper left. A large, vibrant teal structure is on the right side. A smaller teal structure is in the bottom right corner. A small white and blue structure is in the bottom left corner.

Contact Us

Phone : +963 11 9024

Mobile : +963 943 240 8338

Fax : +963 11 5850720

Email : info@yodeen.net

Website : www.yodeen.net

Location: Industrial City

Adra, Syria