

PROPERTIES:

Long oil Alkyd resin based on Soybean fatty acid and Pentaerythritol and Glycerin Alcohol.

Application:

This resin is used for the production of glossy, semi-glossy and matte colors for interior and exterior surfaces of buildings, wood and metal primers, production of alkyd varnishes and building linings and primers.

**Solubility:**

- White spirit: soluble
- Aromatic solvents: soluble
- MEK: soluble
- Butyl acetate: soluble
- Alcohols: needs to be investigated.

Specific characteristics:

- Excellent pigment wetting
- Uniform paint film
- Long lasting Modified glossiness
- Yellowing and bleaching resistance
- Chemicals and water resistance properties.

Miscibility:

- Alkyd long oil resins: miscible
- Alkyd medium oil resins: miscible
- Alkyd short oil resins: immiscible
- Industrial resins: Should be tested.

Storage:

Keep away from direct sunlight and under 5 - 40°C.

Stability:

under aforementioned conditions: 9 months from production date

Technical information:

Characteristics	Rang/Value	Unit	Ref.Standard
Oil length	50 ± 1	%	ASTM D1398
Anhydride phthalic content	25 ± 1	%	ASTM D563
Percent Solid	70 ± 1	%	ISO 3251
Color	Max: 4	Gardener	ASTM D1544
Viscosity (D4/25°C% XY)	40 - 55	sec	ISO 2431
Acid Value	Max: 11	mg KOH/g	ISO 2114