

PROPERTIES:

Short oil alkyd resin based on castor oil, glycerin and pentaerithrol alcohol.

Application:

The resin is used to manufacture fast drying paints such as industrial machines paint, hammer paint, radiator paint and cabinet paint.

Stability:

under aforementioned conditions: 9 months from production date.

**Solubility:**

- White spirit: insoluble
- Aromatic solvents: soluble
- MEK: soluble
- Butyl acetate: soluble
- Alcohols: needs to be tested

Specific characteristics:

- Fast drying
- improved gloss
- improved hardness
- abrasion resistance
- yellowing resistance

Miscibility:

- Long oil alkyd resin: immiscible
- Medium oil alkyd resin: Miscible
- Short oil alkyd resin: miscible.
- Nitrocellulose: miscible
- Maleic resin: miscible
- Amino resin: miscible

Storage:

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

Technical information:

Characteristics	Rang/Value	Unit	Ref.Standard
Oil length	28 ± 1	%	ASTM D1398
Anhydride phthalic content	30 ± 1	%	ASTM D563
Percent Solid	60 ± 1	%	ISO 3251
Color	Max: 4	Gardener	ASTM D1544
Viscosity (D4/25°C% XY)	40-60	sec	ISO 2431
Acid Value	Max: 15	mg KOH/g	ISO 2114