

PROPERTIES:

Medium oil alkyd resin based on coconut acid, pentaerythritol alcohol and soybean oil.

Application:

The resin is used for production of spray applied coatings such as industrial machines paints, car paint repair, and industrial primer and, paints and cabinet/ radiator 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 brightness
- Abrasion resistance
- yellowing resistance
- Resistance against water and chemical
- high hardness

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 way from direct sunlight and under 5 - 40°C

Technical information:

Characteristics	Rang/Value	Unit	Ref.Standard
Oil length	50 ± 1	%	ASTM D1398
Anhydride phthalic content	30 ± 1	%	ASTM D563
Percent Solid	60 ± 1	%	ISO 3251
Color	Max: 5	Gardener	ASTM D1544
Viscosity (D4/25°C% XY)	70 -100	sec	ISO 2431
Acid Value	Max: 15	mg KOH/g	ISO 2114