



Commodity: Alkyd Resin

Resin Classification: Conventional Long Oil Length Alkyd

Applications: All kinds of colors for interior and exterior building surface, Wood and metal primers, all kinds of alkyd polishes and building linings, color paste

Delivery form: in steel drum packing with net content of 180 kg per drum.

Product code: RV124

Product Specifications:

Properties	Typical Value
Type of oil	Soybean/Sunflower Oil
Oil content	~ 56 %
Type of alcohol	Glycerol & Pentaerythritol
Physical Appearance	Clear viscous liquid
Clarity	Clear
Color of 50% solution in white spirit on Gardner scale	3 max.
Viscosity of 50% solution in White Spirit @ 25°C, Seconds	50-60
<u>Acid Value (max), on solids basis, (mgm of KOH/gm)</u>	10 Max.
% Solids (1 gm/120°C/ 1hour)	69-70
Solvents	White Spirit
Compatibility	Compatible freely with non-polymerized drying oils and Stand oils, Other long and medium oil Alkyds, Hydrocarbon resins. Limited compatibility with Amino and Acrylic Resin
Solubility	Freely soluble in Aliphatic and Aromatic Hydrocarbon, Ester and Alcohols. Limited solubility in higher alcohols, Insoluble in lower Alcohols e.g., Methanol and Ethanol
Properties	Good drying, Non-yellowing, Good outdoor durability, good gloss and gloss retention
Storage condition	should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5-40 °C Exposure to direct sunlight should be avoided.

Product code: RV125

Product Specifications:

Properties	Typical Value
Physical Appearance	Clear viscous liquid
Clarity	Clear
Color of 50% solution in white spirit on Gardner scale	5 max.
Viscosity of supply @ 30°C by Gardner bubble Viscometer	Z4 to Z6
Viscosity of 50% solution in White Spirit @ 30°C by FCB-4, seconds	180-220
Specific Gravity @ 30°C	0.94-0.98
<u>Acid Value (max), on solids basis, (mgm of KOH/gm)</u>	10 Max.
% Solids (1 gm/120°C/ 1hour)	68-72
Solvents	Mineral Spirit
Compatibility	Compatible freely with non-polymerized drying oils and Stand oils, Other long and medium oil Alkyds, Hydrocarbon resins. Limited compatibility with Amino and Acrylic Resin
Solubility	Freely soluble in Aliphatic and Aromatic Hydrocarbon, Ester and Alcohols. Limited solubility in higher alcohols, Insoluble in lower Alcohols e.g., Methanol and Ethanol
Applications	General purpose decorative enamels for interior and exterior use
Properties	Good drying, Non-yellowing, Good outdoor durability, good gloss and gloss retention

Product code: RV126

Product Specifications:

TECHNICAL DATA SHEET

Alkyd Resin long 70%

Description

Long Alkyd Resin 70% is a Long oil mixed polyol esterified Alkyd Resin modified with Soya oil fatty acids containing a significant amount of oil which assists smooth brushing and application to surfaces. It is used for air drying applications.

Suggested Uses

- Glossy Enamel Paints
- Metal Surface Coatings.
- First Quality Enamels
- White and pale shade paints

Performance

Provides:

- Very good hardness
- Very good drying
- Very good gloss

Chemical Properties

• Oil Length (in%):	55%
• Acid Value (mg KOH/gm) [Max]:	Max 10
• Viscosity (in B6 Cup @ 25 C')	25-30
• Color on Gardener Scale:	Max 4

Drying

Drier Combination:	0.026% Pb , 0.018% Ca , 0.01% Co
Drying Time:	
• Surface Dry	3 _ 4 hours
• Hard Dry	24 hours

Solubility

- Alipatic Hydrocarbon
- Aromatic Hydrocarbon
- Esters
- Ketone

Storage

It should be stored indoors in temperature between 30-5 °C. Sunlight Exposure should be avoided.

Delivery Forms

Alkyd Resin Long Oil: 70% ± 2% in MTO / White Spirit