

ALKYD FA50 X60 – Medium Oil Alkyd Resin

DESCRIPTION

ALKYD FA50 X60 is Soybean Fatty Acid based, benzoic acid-modified air drying Medium Oil Alkyd Resin.

PRINCIPLE PROPERTIES

- ✓ Resistance is mild in humid conditions
- ✓ Excellent hardness and flexibility
- ✓ Very good gloss and gloss retention
- ✓ High chemical and weathering resistance

RECOMENDED APPLICATIONS

- ✓ Anticorrosive paints
- ✓ Auto repair paints
- ✓ Metal Surface
- ✓ Industrial varnishes and paints

SOLUBILITY

Solvent Type	Solubility
Toluene	+
Xylene	+
White Spirit	+
Buthanol	-
Methyl-Ethyl Ketones	+

COMPATIBILITY

Resin Type	Compatibility
Rosin Esters	-
Amino Resins	-
Short Oil Alkyds	+
Medium Oil Alkyds	+
Long Oil Alkyds	+
Aliphatic Hardeners	+
Aromatic Hardeners	+
Isocyanate Hardener	-
Polyether Polyol	-

TECHNICAL SPECIFICATIONS

Composition		
Oil type	Soybean Fatty Acid	
Oil Length, %	~50 %	
Solvent	Xylene	
PA Content, %	%27	
Appearance	Clear	
Test	Range	Method
Non Volatile, %	60±2 %	ISO 3251
Viscosity (25°C) Pa.s.	3 - 10	ISO 3219
Acid Value (mgKOH/g)	12 max	ISO 2114
Color (Gardner)	7 max	ISO 4630-2
Density (g/cm ³)	1,03±0,02	ISO 2811-1

PACKAGING AND DELIVERY FORM

Resin is supplied in steel drum with net content of 200 Kg per drum. For the other package condition, please contact with us.

RECOMMENDED DRIER COMBINATIONS

Cobalt	0.04 - 0.06 %
Zr	0.05 - 0.07 %
Calcium	0.08 - 0.10 %

- As metals in relation to 100% resin

STORAGE AND SHELF LIFE

Store in at temperatures between 5-30 °C, well-sealed packaging, dry and well-ventilated storage, should be avoided from direct sunlight.

Storage Shelf Life – 12 months from date of production.

MATERIAL SAFETY

Before handling the product, SDS should always be read and well understood.

Safety procedures should be followed.