

ALKYD CFA30 X70 – 2K PU Short Oil Alkyd Resin

DESCRIPTION

ALKYD CFA30 X70 is a Coconut Fatty Acid-based Short Oil Alkyd Resin and esterified with glycols.

PRINCIPLE PROPERTIES

- ✓ Very good chemical resistance, excellent hardness
- ✓ Very high gloss and gloss retention
- ✓ Very light color and yellowing resistance

RECOMENDED APPLICATIONS

- ✓ 2K PU systems for Top Coat applications
- ✓ Single Component Cellulosic systems
- ✓ Low-temperature stoving systems

SOLUBILITY

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

COMPATIBILITY

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

TECHNICAL SPECIFICATIONS

Composition		
Oil type	Coconut Fatty Acid	
Oil Lenght, %	~29%	
Solvent	Xylene	
PA Content, %	~18 %	
OH %	~4.8	
Test	Range	Method
Non Volatile, %	70±2 %	ISO 3251
Viscosity (25°C) Pa.s	8 - 11	ISO 3219
Acid Value (mgKOH/g)	15 max	ISO 2114
Color (Gardner)	3 max	ISO 4630-2
Density (g/cm ³)	1.06±0,02	ISO 2811-1

PACKAGING AND DELIVERY FORM

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

RECOMMENDED DRIER COMBINATIONS

Calculated Usage Rates

ALKYD/Amino Resin 2:1/3:1/3:2/4:1

ALKYD /Cellulosic Resin 1:1/3:2/2:1

ALKYD /PU Hardener 1:1/2:1

Oven Applications Conditions 15' at 150 °C or 30' at 120 °C

STORAGE AND SHELF LIFE

Store 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 the date of production.

MATERIAL SAFETY

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

Safety procedures should be followed.

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