

DCFA 37 X 60 – Epoxy Ester Resin

DESCRIPTION

DCFA 37 X 60 is a Dehydrate Castor Oil Fatty Acid Based Epoxy Ester Resin.

PRINCIPLE PROPERTIES

- ✓ Very good drying
- ✓ High weathering resistance
- ✓ Excellent hardness and flexibility
- ✓ Excellent gloss and gloss retention

RECOMENDED APPLICATIONS

- ✓ Decorative primer and topcoat paints
- ✓ Wood paint and Varnishes
- ✓ Metal surface primers and top Coat Paints

SOLUBILITY

Solvent Type	Solubility
Toluene	+
Xylene	+
White Spirit	-
Buthanol	-
Methy-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	-
Isocyanate Hardener	-
Phenolic Resins	+

TECHNICAL SPECIFICATIONS

Composition		
Oil type	DCO Fatty Acid	
Oil Length, %	~37 %	
Solvent	Xylene	
Epoxy Content, %	~62%	
Appearance	Clear	
Test	Range	Method
Non Volatile, %	60±2 %	ISO 3251
Viscosity (25°C) Pa.s	1-3	ISO 3219
Acid Value (mgKOH/g)	15 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	0.01 - 0.03 %
Calcium	0.10 - 0.20 %

- 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 prodecures should be followed.