

"MAGIC IN PAINTS"

SMK-6070

SEMKYD FA 50 T 70

DESCRIPTION

SMK- 6070 is Special Fatty Acid based Medium Oil Alkyd Resin.

PRINCIPLE PROPERTIES

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

RECOMENDED APPLICATIONS

- ✓ Road Marking Paints
- ✓ Anticorrosive paints
- ✓ Metal Surface
- ✓ Industrial varnishes and paints

SOLUBILITY

Solvent Type	Solubility
Toluene	+
Xylene	+
White Spirit	+
n-Butanol	-
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	+
Cellulosic Resin	+
Phenoic Resin	-

TECHNICAL SPECIFICATIONS

Composition		
Oil type	Special fatty acid	
Oil Length, %	~50%	
Solvent	Toluene	
PA Content %	%27	
Appearance	Clear	
Test	Range	Method
Non Volatile, %	70±2 %	ISO 3251
Viscosity (25°C) Pa.s	10 – 15	ISO 3219
Acid Value (mgKOH/g)	10 max	ISO 2114
Color (Gardner)	7 max	ISO 4630-2
Density (g/cm ³)	1.02±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 of **SMK-6070** should always be read and well understood.

Safety prodecures should be followed.

This document is prepared by SEMKIM authorized person. To more information please visit www.semkim.com.tr