

## ALKYD FA50 W60 – Medium Oil Alkyd Resin

### DESCRIPTION

ALKYD FA50 W60 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	WS	
PA Content, %	%27	
Appearance	Clear	
Test	Range	Method
Non Volatile, %	60±2 %	ISO 3251
Viscosity (25°C) Pa.s.	5- 10	ISO 3219
Acid Value (mgKOH/g)	12 max	ISO 2114
Color (Gardner)	7 max	ISO 4630-2
Density (g/cm <sup>3</sup> )	0,97±0,02	ISO 2811-1

### PACKAGING AND DELIVERY FORM

Resin is supplied in steel drum with net content of 190 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.