



# TECHNICAL DATA SHEET

## ALKYD RESIN – LONG OIL 88870%

### General Description

#### Long Oil Alkyd Resins

These high oil length resins are commonly used in oil paints and sprays and are completely soluble in aromatic and aliphatic solvents, but are sensitive to alcohols. They are used in oil, construction and industrial paints. They are air drying which means they combine with the oxygen in the air and dried. Because their solvent is oily, they usually take longer to dry. They have moderate resistance to sunlight and are somewhat resistant to moisture. Therefore, they are usually used in construction and protective paint.

### Long Alkyd Resin benefits

Reasonable drying time  
High gloss  
Very low yellowing  
High hardness.

### Features

High brush ability.  
Good gloss retention.  
Good hardness  
Good dispersion properties.  
Good adhesive & mechanical properties.  
Excellent for economical enamel pigmented.

### Application

Decorative enamel paint for internal and external applications.

### Characteristics

Solvent	white spirit
Oil type	soya bean oil
Solid content	70%+, - , 1
Viscosity (at 25 "C" FC) (50% THIN WHITE SPIRIT)	75—95 SEC (FC)
ACID VALUE	<10mg KOH/g (4---12)
GARDNER COLOR	< 4 MAX
GLOSS	>90

### Solubility Data

Aliphatic solvents soluble.  
Esters soluble  
Insoluble in water.

### Compatibility Data

Long oil alkyd compatible.  
Short oil alkyd incompatible.  
Rosin maleate compatible.

### Delivery Form Details

70% in white spirit -Drum (190 kg/Drum)

### Shelf life

Minimum 6 months when stored under standard storage condition.