



Industrial Chemicals & Resins Co. LLC.

Short Oil Hydroxylated Alkyd Based on Castor Oil

N-837

Delivery Form:
60% in Xylene 180 kg (Drums)

Principal Properties:

Non yellowing
Good stoving properties
Fast curing
Good surface hardness
Excellent gloss & adhesion
High flexibility
Excellent water & weathering resistance

Applications :

Hydroxylated Alkyd Resin that provides superior build-up, easy sandability and high reactivity when cross-linked with polyisocyanates
Excellent polyurethane sealers and high quality matt finishes for wood
High gloss, better flexibility and good solvent release when used in nitrocellulose system
High quality stoving enamels when blended with melamine formaldehyde resin

Composition :

Oil Type	Castor
Oil Length	42%
Solvent	Xylene
Phthalic Anhydride	28 %
Type of Polyol	Pentaerythritol / Glycerol
Solvent	Xylene

Characteristics :

Solid Content (% by wt.)	59 - 61
Acid Value (on solids)	6 - 15
Viscosity@25°C (60% Solids in Xylene)	27 - 35 Poise
Viscosity@25°C (Gardner Holdt)	Z1 - Z2
Color Gardner (Delivery form)	6 max
OH Value % (on solids)	4.2 - 4.4
Clarity	Excellent

Solubility :

Aliphatic Solvents	Insoluble
Aromatic Solvents	Soluble
Esters	Soluble
Ketones	Soluble
Alcohols	Soluble

Compatibility :

Nitrocellulose	Compatible
Vinyl Copolymers	Limited
Melamine Formaldehyde	Compatible
Acrylics	Limited
Polyester	Compatible

B 882, Jebel Ali, Industrial Area # 2, P.O. Box 34398, Dubai, U.A.E.
Tel. No.: +971 4 8801516 - Fax No.: +971 4 8801192, E-mail : icr@nimir.com