

TECHNICAL DATA SHEET

HIGH SOLIDS LONG OIL SOYBEAN ALKYD RESIN

AFAAQ ALKYD L-70

General Description:

AFAAQ ALKYD L-70 is a high-solids long oil alkyd resin based on soybean oil and supplied in white spirit. The resin is developed for premium decorative and industrial coatings where high film build, excellent gloss retention, superior weathering resistance, and improved coverage are required.

Its high non-volatile content enables formulators to achieve higher dry film thickness with reduced solvent demand, contributing to lower VOC emissions and improved coating performance. AFAAQ ALKYD L-70 exhibits excellent brushability, leveling characteristics, and compatibility with commonly used paint additives, making it suitable for high-quality enamels, wood coatings, architectural finishes, and protective topcoats.

Characteristics:

SL. NO.	PROPERTY	TEST STANDARD	UNIT	TYPICAL VALUE
1	Oil Type	Internal	-	Soybean Oil
2	Oil Content	Internal	%	60 – 65
3	Solvent	Internal	-	White Spirit
4	Appearance	ASTM E2680	Visual	Clear Pale Liquid
5	Non-Volatile Content (150°C, 1 Hour)	ASTM D1259	%	70 ± 1
6	Viscosity (As Such, 25°C)	ASTM D1545	Gardner	Z7 – Z10
7	Viscosity (50% NV, 25°C)	ASTM D1545	Gardner	W – X
8	Reduced Viscosity @25°C (200g Resin : 80g White Spirit)	ISO 2884	Poise	11.0 – 13.0
9	Acid Value on Solids	ASTM D1639	mg KOH/g	≤ 8.0
10	Color (50% NV, 25°C)	ASTM D6166	Gardner	≤ 4.0

Applications:

- Premium Decorative Paints
- High Build Enamels
- Wood Finishes
- Architectural Coatings
- Protective Topcoats
- Industrial Decorative Coatings

Packaging:

Available in:

- 180 kg Steel Drums
- Bulk Tanker Deliveries

Storage:

Store in tightly closed original containers in a cool, dry, and well-ventilated area below 30°C. Avoid direct exposure to sunlight, sparks, open flames, and other ignition sources. Ensure adequate ventilation during storage and handling. Containers should be kept sealed when not in use to prevent solvent loss and contamination.

Shelf Life:

24 months from the date of manufacture when stored under recommended storage conditions in unopened original containers.

Health and Safety:

Refer to the latest Safety Data Sheet (SDS) before handling or use. Appropriate personal protective equipment (PPE), including safety glasses, gloves, and protective clothing, should be worn during handling and application. Avoid inhalation of vapors and contact with skin or eyes. Ensure adequate ventilation in working areas. Keep away from heat, sparks, open flames, and other sources of ignition.

Contacts us:

AFAAQ Global Interaction SPC
8 HOURS, Al Khoudh St, Seeb 112
Muscat, Sultanate of Oman
Tel: +968 98207998 Email: info@afaq.com.om Website: www.afaq.com.om