PRODUCT DATA SHEET

ESGAL 6003

ESGAL 6003 is an air-drying solvent based Long Oil Alkyd Resin based on Soya fatty acid having good color fastness, body, durability and high gloss potential. It is known for its green attributes like biobased raw materials and optimal recycle contents.

This Resin is diluted in MTO and recommended for use in solvent-based paints, lacquers and related products for air-drying applications. It offers excellent hydrocarbon solvent tolerance and very good pigment & extender binding capability.

Product Data:

- Appearance : Transparent Viscous Liquid
- Oil Length : 60 ± 2
- Solid Content : 60 ± 2 (120°C, 1h)
- Specific Gravity : 0.94 ± 0.2 (30°C)
- Acid Value : Max. 14 (mg KOH/g)
- Viscosity (50% in MTO) : 200 – 260 Sec (B4 Cup/30°C)

Performance Highlights :

Provides:

- Excellent Gloss & Gloss Retention
- Very good Drying and Hardness
- Excellent Flow & Levelling

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Drying Time:

With 0.6% Stroncium (12%), 0.2% Cobalt (12%), 0.5% Manganese (10%) & 0.6g Calcium (6%) in Alkyd Resin (50% diluted with MTO), drying time @30°C on glass plate (Sheen Film Applicator, 78 micron) has been found :

- Surface Dry ≤1 hr
- Tack-Free Dry 5 -7 hrs
- Hard Dry Overnight

*Drying time is related to relative humidity

Storage & Stability:

Highly recommended to store indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 5 & 30°C. Exposure to direct sun shine should be avoided.Under the above-mentioned storage conditions, stability of the resin will be 9-12 months ex-work.

Contact

For feedback or further information, please feel free to contact us at info@tulonmaterials.com.

Tulon Materials Pvt Ltd

Address: A212, 2nd Floor, Plot No 11 and 11A, Punit Industrial Premises Industrial Area TTC, MIDC, Turbhe, Navi Mumbai – 400705

Website: www.tulonmaterials.com

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