PRODUCT DATA SHEET

ESGAL 3004

ESGAL 3004 is a solvent based Short Oil Alkyd Resin based on Soya Fatty Acid having good color fastness, body, fast drying and durability. It is known for its green attributes like biobased raw materials.

This Resin is diluted in Xylene and is recommended for use in solvent-based air-drying and industrial coatings and baking enamel products. It offers very fast drying with and without driers.

Product Data:

- Appearance : Transparent Viscous Liquid
- Oil Length : 23 ± 2
- Solid Content : 70±2 (120°C, 1h)
- Specific Gravity : 1.08±0.02(30°C)
- Acid Value : Max. 14 (mg KOH/g)
- Viscosity (40% in Xylene) : 55 – 70 Sec (B4 Cup/30°C)

Performance Highlights :

Provides:

- Good Film built and toughness
- Fast Drying
- Good Adhesion

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Drying Time:

With 0.8% Zirconium (18%), 0.2% Cobalt (12%) & 0.25g Calcium (6%) in Alkyd Resin 100gms (70% diluted with Xylene), drying time @30°C on glass plate (Sheen Film Applicator, 76 micron) has been found :

- Surface Dry : ≤ 10 min
- Tack-Free Dry : 45 - 90 mins
- Hard Dry : 6-10 hrs

*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 sun shine should be avoided.

Under the above-mentioned storage conditions, stability of the resin will be 12 months ex-work.

Contact

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

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