PRODUCT DATA SHEET

ESGAL 3002

ESGAL 3002 is a solvent based Short 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 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 : 30 ± 2
- Solid Content : 70±2 (120°C, 1h)
- Specific Gravity : 1.05±0.02(30°C)
- Acid Value : Max. 14 (mg KOH/g)
- Viscosity (50% in Xylene) : 280 – 360 Sec (B4 Cup/30°C)

Performance Highlights :

Provides:

- Good Film built and toughness
- Excellent Gloss & Gloss retention
- Good Adhesion

PRODUCT DATA SHEET

ESGAL 3002

Drying Time:

With 1.6% Zirconium (18%), 0.42% Cobalt (12%) & 0.5g Calcium (6%) in Alkyd Resin (50% diluted with Xylene), drying time @30°C on glass plate (Sheen Film Applicator, 78 micron) has been found :

- Surface Dry : ≤ 10 min
- Tack-Free Dry : 1 - 2 hrs
- Hard Dry : Less than 8 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.

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.tulomaterials.com

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Tulon Materials Pvt Ltd expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. Theinformation provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement. See SDS for Health & Safety Considerations. ESGAL® is a registered trademark of Tulon Materials Pvt Ltd

2025 Tulon Materials Pvt Ltd All rights reserved.