

ESG Resin Private Limited



ESGAL 6501

PRODUCT DATA SHEET

ESGAL 6501 is a Long Oil Alkyd Resin based on Linseed Oil, 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 100% solid content and is recommended for use in Offset Printing Inks. It offers excellent pigment wetting & dispersion properties when mixed with Oil-based Vehicle and very good ink setting & ink-water balance performance.

Product Data:

Appearance : Transparent Viscous Liquid

Oil Length : 65 ± 2

Solid Content : 99-100% (120°C, 1h)

Acid Value : 10 – 14 (mg KOH/g)

Viscosity (70% in MTO) : 200 – 240 Sec (B4 Cup/30°C)

MTO Tolerance : 1: 3 (Alkyd/MTO weight ratio)

Performance:

Provides:

Excellent Pigment wetting & dispersion

Very Good Gloss & Drying

Good Flow & Fast ink Setting

Good Litho properties (Ink-Water balance)

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.