

PERENOL® S 57

Use

Non-reactive slip modifier and levelling agent for printing inks, coatings and paints.

Composition

Organo-modified Polysiloxane

Specification

Appearance	clear – hazy liquid
Viscosity at 25 °C, mPa.s	175-390
ISO 2555 (sp. 2 30 rpm)	

Additional data

Density at 25 °C, g/ml	1,03
ISO 2811-3	
Refractive Index	1,434
ISO 6320	
Flash point	> 100 °C
ASTM D93	

Properties

PERENOL S 57 is a solvent-free, 100% active, polyether modified polysiloxane, for use in inks, coatings and paints. Perenol S 57 exhibits **excellent substrate wetting** and **reduction of surface tension** of the liquid film. It is compatible with a wide range of resins and provides slip modified surfaces that are conducive to recoatability.

Additionally, PERENOL S 57 has been found to improve gloss, scratch resistance and levelling of coatings, and provides very efficient reduction of **COF** (coefficient of friction).

Dosage

The recommended addition level lies between 0.05 % and 1% on total formulation.

Ideally, PERENOL S 57 should be added to the system during grind or as a let-down but can also be stirred in as post-add.

Regulatory Status

TSCA (USA), DSL (Canada), PICCS (Philippines), AICS (Australia), ECL (Korea), IECSC (China), EU (Europe)

Miscellaneous

Subject to appropriate storage under the usual storage and temperature conditions, PERENOL S 57 is stable for at least 12 months.

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 year.

Suggestions of processing and using our products are given with best knowledge and information but without obligation. COGNIS does not accept any guarantee to the suitability of a product for the user's specific purpose. Furtheron the user himself assumes a liability to follow all legal regulations by using our products. The user can only pass on our sample to third parties with previous assent of COGNIS.

