

Silicone polyester resin

TEGO® Therm L 300

DESCRIPTION

Hybrid polysiloxane dispersion

KEY BENEFITS

- broad compatibility with acrylic emulsions
- ambient film forming
- allows high filler loading
- low VOC-content
- excellent heat stability
- outstanding adhesion to various substrates

SUITABILITY

waterborne



not suitable partly suitable suitable

TECHNICAL DATA

appearance	milky liquid
delivery form	dispersion
non-volatile content	46-54 %
pH-value	4.5 - 7.0
viscosity at 23°C (as supplied)	50-500 mPas

SOLUBILITY

Water



not soluble partly soluble soluble

TYPICAL APPLICATIONS

- Insulation coatings
- Heat-stable coatings
- Matrix for insulation particles (TIC)

PROCESSING INSTRUCTIONS

Prior to use, agitate with low shear forces.

HANDLING & STORAGE

When stored in an original unopened packaging between +4 and +40°C, the product has a shelf life of 12 months from the date of manufacture. However, contact with tin (e.g. with metal containers) will shorten storage stability.

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com