

RT143 Leveling Agent

Overview:

RT143 is a silicone surfactant for solvent-based, solvent-free, and aqueous systems. It is suitable for coatings, inks, adhesives, and room-temperature curing plastic systems, significantly reducing surface tension.

Reference technical specifications:

Chemical composition: Polyether modified polydimethyl siloxane

Appearance: Transparent liquid

Active content: Approximately 100%

Density at 25°C: 1.0-1.1 g/ml

Application:

- Silicone surfactant with strong surface tension reduction and significant improvement of substrate wetting ability;
- It can prevent surface defects such as shrinkage cavities, pinholes, bubbles, and orange peel. It also prevents bubble burst and improves leveling. Recommended for solvent-based, self-drying, and baked paint systems.
- It can improve the anti-adhesion in aqueous system. It also has excellent compatibility and can be used as anti-porosity agent.
- Solvent-based wood coatings: The recommended addition amount is 0.05-0.3% of the total formulation volume.
- Water-based industrial paint: The recommended dosage is 0.05-0.3% of the total formula by weight.

Package and storage:

Store in a dark place, keep unopened and stored at 5°C to 35°C. The product has a shelf life of 12 months from the date of production.

Available in 25kg/bucket and 200kg/bucket sizes, with customized packaging options for customers.



All data, including formulations, are authentic. However, customers must conduct experiments in their own laboratories or equipment for confirmation, and the company cannot make any commitments. Customers must comply with local patent regulations. Suppliers have the right to improve their products, and any modifications to specifications may be made without prior notice.