

RT910S Silica Polyether Modified Defoaming Agent

Overview:

RT910S is a concentrated polyether siloxane solution containing gas-phase silica, recommended for the grinding stage. It is versatile and effective in eliminating both large and micro bubbles.

Product advantages:

- Very suitable for varnishes and colored paint formulations;
- Effective against both bullae and microbubbles;
- Ideal for grinding stages, it can be used in combination with defoamers that are more compatible with paint mixing stages.

Reference technical specifications:

Chemical composition: Polyether siloxane copolymer. Contains fumed silica.

Active content: approximately 100%

Appearance: Colorless to yellowish turbid liquid

Density: 0.98-1.08 g/cm³

Applying recommendations:

- Airless spraying
- Compressed air spraying
- Flexographic and gravure printing
- Brush application/roller application
- Self-leveling
- Immersion, flow coating, spray coating

Usability :

Water-based: ●

Two-component 100%: ◎

Add during grinding: ●

Oil-based: ◎

Radiation curing: ◎

Add during paint mixing: ◎

Solubility :

Water ○

TPGDA ●

Insoluble ○

Ethanol ◎

Butyl acetate ◎

Partially soluble ◎

Solvent oil ●

Soluble ●

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Typical application:

Wood coatings

General Industrial Paints

Printing Inks

Architectural coatings

Recommended amount:

0.1-1.0% of the total formulation.

Description of the process:

- The long-term efficacy of the product depends on its specific formulation, and individual formulations should be tested separately.
- The product requires high shear for mixing;
- Can be added to the coating in either supplied or pre-diluted form;
- Stir before use.

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.

25kg per barrel, with customized packaging 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.