

W SS - 3 16

Product technical specification

W SS - 3 16 is a silicone surface additive, used in solvent-free, radiation curing, solvent-based coating systems, adhesives and printing inks to greatly reduce surface tension.

- The surface tension is low , which increases the smoothness and wetting of the substrate.
- Compatible with acrylic resin, alkyd resin, amide, epoxy resin, nitrocellulose, phenolic resin, polyester resin and vinyl system

Recommended Applications

WSS -3 16 is mainly used in solvent-based and solvent-free two-component polyurethane systems, UV curing coatings, polyester/melamine baking coating systems and a series of water-based systems. The high compatibility allows the additive to be used in the production of high-transparency varnishes without causing turbidity.

- the WSS -3 16 is very suitable for wood and furniture coatings , can listen to the coating material ; also suitable for coil coating bonded leather finishing agents .
- Suggested dosage : 0.05-1% The dosage of additives (purchase form) is based on the total formula.

The above recommended addition amount is for reference, and the best addition amount needs to be determined through a series of experiments.

- WSS - 3 16 is especially recommended for varnishes, flexo printing inks, offset printing inks and screen inks. It can improve the peelability of the tape in the varnish. It is also suitable for printing inks for high-speed printing machines .

Suggested dosage : 0.05-2% of the additive dosage (purchase form) is based on the total formula.

The above recommended adding amount is for reference, and the best addition amount needs to be determined through a series of experiments.

Technical data

- Appearance: transparent liquid
- Viscosity, 25 degree: 3 0 0 - 6 00 mPas

Process Description

- The leveling agent can be pre-diluted or directly added to the paint in the form of supply
- The additive can be added at any stage of the production process, including post-addition.
- Low temperature will cause turbidity or solidification, but it can be eliminated by heating up, and product performance will not be affected

chemical composition

Organosiloxane copolymer

package

- 25KG , plastic bucket
- 200 kg , iron drum

Storage stability

Store in unopened original packaging and use within 12 months from the date of production .

Free samples or learn more:

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