

D2270

Product Introduction:

D2270 is a multifunctional wetting agent. It reduces dynamic and static surface tension, improves substrate wettability, promotes spreading, provides oil resistance, prevents shrinkage, and improves leveling. It has excellent resin miscibility, water and oil versatility, and certain defoaming properties. It is highly efficient; extremely low addition can achieve excellent results.

Product Features:

- ◆ Excellent wettability
- ◆ Efficient leveling speed and leveling property
- ◆ Effectively prevents cratering
- ◆ Low foaming

Applicability

Water-base	Solvent-base
●	●
Solvent-less	Bicomponent
●	●
Paint	Varnish
●	●

○ Unsited ◎ Partially suited ● Suited

Application

- ◆ Decorative and industrial coatings for inks, plastics, metals and wood.

Technical information

Chemical composition	Polyether modified polydimethylsiloxane
Active content	100%
Appearance	Light yellow transparent liquid
Viscosity (mPa·s, 25℃)	20~60
Water solubility	Soluble
Density (g/cm³, 20℃)	0.95~1.00
Surface tension (mN/m, 25℃)	≤25
Refractive index (25℃)	1.440~1.445

Solubility

Soluble in methanol, isopropanol, acetone, xylene and dichloromethane, and dispersible in water.

Recommended addition

0.1-1% based on the total formulation.

Chemical usage process

It can be added during grinding or stirring, or added after production. In order to facilitate the addition, it can be diluted with a suitable solvent first.

Water, alcohols, alkanes and aromatics can be diluted at any ratio.

Taboo

Carefully mix with other additives. Before production, it should be tested and verified.

Specification

25 kg/drum; 200kg/drum

Storage and shelf life

- ◆ Transportation and storage of non-hazardous chemicals
- ◆ Cool, dry and sealed storage
- ◆ Shelf life: 12 months from the date of production

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