

D148

Product Introduction:

D148 can significantly reduce the surface tension of the system, thereby improve the wetting of the coating on the substrate and prevent shrinkage. It significantly improves the smoothness of the coating, thereby enhancing its scratch resistance. In addition, compared with other silicone additives, it exhibits significantly lower foam stability. HB-1436 also has a good effect at low dosages.

Product Features:

- ◆ Excellent wettability
- ◆ Excellent smoothness
- ◆ Scratch resistance
- ◆ Low foaming

Applicability

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

○ Unsited ◎ Partially suited ● Suited

Application

- ◆ PU Leather coatings

Technical information

Chemical composition	Polyether modified polydimethylsiloxane
Active content	100%
Appearance	Light yellow transparent liquid
Viscosity (mPa·s, 25℃)	20~45
Water solubility	Soluble
Density (g/cm³, 20℃)	0.95-1.0
Surface tension (mN/m, 25℃)	≤25
Refractive index (25℃)	1.440~1.445

Solubility

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

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.

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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