

D6120

Product Introduction:

D6120 is a silicone surface additive specially developed for easy-to-clean coating systems. It contains reactive hydroxyl (OH) groups, which can form chemical bonds with the resin, providing the film with permanent hydrophobicity, oleophobicity, reduced dust adhesion, and improved washability. This product is also used to improve anti-graffiti and anti-stick performance. In addition, it is designed to improve substrate wetting, leveling, surface smoothness, water resistance (anti-whitening), anti-blocking, and weather resistance.

Product Features:

- ◆ Excellent wettability
- ◆ Excellent smoothness
- ◆ Easy to clean
- ◆ Efficient leveling speed and leveling property

Applicability

Water-base	Solvent-base
●	●
Solvent-less	Bicomponent
○	◎
Paint	Varnish
◎	◎
○ Unsited ◎ Partially suited ● Suited	

Application

- ◆ Suitable for water-base bicomponent coating system, thermal coating and UV curing coating system.

Technical information

Chemical composition	Polyhydroxy polyether modified polysiloxane
Active content	100%

Suitable reactive resins

Bicomponent polyurethane, alkyd-melamine, polyester-melamine, acrylic-melamine, acrylic epoxy mixture and phenolic resin.

Solubility

Water, alcohols, hydrocarbons, ethers and esters can be diluted at any ratio.

Recommended addition

0.5-5% based on the total formulation.

Chemical usage process

It can be added at any stage of the production process. For ease of addition, it may be diluted with a suitable solvent first.

Specification

25 kg/drum

Storage and shelf life

- ◆ Transportation and storage of non-hazardous chemicals
- ◆ Cool, dry and sealed storage
- ◆ Shelf life: 6 months from the date of production

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