

D6100

Product Introduction:

D6100 uses the latest microcapsule emulsification technology to emulsify ultra-high molecular weight silicone polymer into a nano-scale emulsion, offering excellent emulsion stability even at high dilution ratios. It significantly reduces the friction coefficient of the coating, prevents adhesion, and improves slip feel and wear resistance. Suitable for water-based paints and inks. HB-DC51 contains a thickener, providing better dilution stability.

Product Features:

- ◆ Excellent wettability
- ◆ Reduce the friction coefficient of the coating
- ◆ Wear resistance
- ◆ Prevent adhesion

Applicability

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

Application

- ◆ Water-based paint, water-based ink

Technical information

Chemical composition	Ultra-high molecular weight polysiloxane pre-emulsion
Appearance	Milky white paste liquid
Specific gravity (25℃)	1.02±0.05
Viscosity (mPa·s, 25℃)	5000-100,000
Solid content	80±2%
Ionic Type	Nonionic

Recommended addition

0.05-1% based on the total formulation.

Chemical usage process

This product must be diluted and stirred with a small amount of water (several times) until the required concentration is reached, and then let down into the system.

Taboo

1. The risk of this kind of product lies in causing shrinkage cavity. Users should focus on this when choosing similar products.
2. Before production, it should be tested and verified.

Specification

25 kg/drum

Storage and shelf life

- ◆ Transportation and storage of non-hazardous chemicals
- ◆ Cool, dry and sealed storage. This product must be protected
- ◆ Shelf life: 6 months from the date of production

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