

Thickener

D3040

Product Introduction:

D3040 is a non-ionic hydrophobic modified polyurethane rheological thickener, which is especially suitable for thickening waterborne coatings, interior and exterior wall latex paints, waterborne inks, adhesives and elastic mucilage, and has excellent thickening effect and excellent fluidity and leveling. Excellent compatibility with a variety of water-based resins; Can improve the coating layer performance, so that the paint layer is full of luster; High biological hydrolysis resistance; Excellent water resistance, alkali resistance and scrubbing resistance; The product performance is not affected by PH value.

Product Features:

- ◆ Efficient leveling property
- ◆ Excellent paint layer fullness, covering rate
- ◆ Excellent alkali resistance and scrubbing resistance
- ◆ Excellent compatibility
- ◆ Excellent water resistance

Applicability

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

Application

Technical information

Chemical composition	Modified polyether polyurethane
Effective constituent	45%±1
Appearance	Slightly turbid milky white or light yellow viscous liquid
Viscosity (mPa s, 25℃)	<4500
Internal solvent	Diethylene glycol monobutyl ether and water.
Ionic type	Non-ionic

Recommended addition

0.1-0.5% based on the total formula.

Chemical usage process

- ◆ Can be added directly or diluted with appropriate amount of water and propylene glycol
- ◆ Add slowly while stirring until proper leveling effect is achieved
- ◆ It can be used under acidic (or alkaline) conditions, but it will lead to product degradation under strong alkali conditions
- ◆ Can be used alone or together with other types of thickeners

Specification

25 kg/drum

Storage and shelf life

- ◆ Transportation and storage of non-hazardous chemicals
- ◆ Store in well-ventilated and dry environment at 5-40℃; No freezing
- ◆ Shelf life: 12 months from the date of production

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