



广州冠志新材料科技有限公司

Guangzhou Guanzhi New Material Technology Co.,Ltd

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Polyurethane Thickener[®] OS-6060

一、 Description:

OS-6060 is an non-ionic polyether type polyurethane thickener, endows the system with a false plastic condition

二、 Application

OS-6060 acts as leveling thickening agent, is widely used in the field of waterborne embossed coatings, thick slurry elastic coating

三、 Technical Data

Appearance	milky white or light yellow liquid
Active component (%)	40±1 (150℃, 45min)
Lonicity	nonionic
Viscosity(mPa·S(25℃))	<5000
Solvent	Water or environmental hydrophilic solvent

四、 Performance

1. High efficient performance of false plastic, and obviously improving the high viscosity of coating under low shear
2. Good compatibility with various water based resin
3. Excellent film-forming,high gloss,better false plastic performance than cellulose and alkali swelling agent
4. Usually couldn't be influenced by change of PH value

五、 Adding Dosage And Methods :

- 1.Suggesting dosage:0.2-1.0%(total recipe)
- 2.Dilute with water or Propylene glycol (ethylene glycol) ,the solvent and OS-6060 ratio is 5:1
- 3.Adding in the finishing section of paint production,slowly adding along with stirring
- 4.It can be used under the condition of acid (or alkali),but it can be decomposed the product under strong alkali condition.
- 5.Could use alone, also work together with the other thickener

六、 Storage

Suggesting temperature from 5℃ to 40℃ , can't freeze

Manufacturer:

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