



广州冠志新材料科技有限公司

Guangzhou Guanzhi New Material Technology Co.,Ltd

Room 1106, Zone A, NO.3 Juquan Road, Luogang District, Guangzhou, Guangdong, China

TEL: 86- 20- 8256 7990-612 FAX: 86-20-32214789

Polyurethane Thickener[®] OS-6040

一、 Description:

OS-6040 is an non-ionic hydrophobicity modified polyurethane thickener, specially enjoy excellent thickening ,leveling and fluidity performance when applied in the field of waterborne building latex coatings, inks and adhesive, elastic mucilage.

二、 Application

OS-6040 acts as leveling thickening agent, is widely used in waterborne building coatings, inks and adhesives etc

三、 Technical Data

Appearance	milky white or light yellow liquid
Active component (%)	40±1 (150℃, 45min)
Lonicity	nonionic
Viscosity(mPa·S(25 °C))	<4000
PH	2.5-4.5
Solvent	Water or diethylene glycol monobutyl ether

四、 Performance

1. High efficient thickening, and excellent combination performance of thickening and leveling
2. Improving medium and high shear viscosity, and good fluidity under low shear
3. Excellent water resistance, alkali resistance, scrubbing resistance, and high resistance to biological hydrolysis

4. Usually couldn't be influenced by change of PH value

五、 Adding Dosage And Methods :

- 1.Suggesting dosage:0.1-0.5%(total recipe)
- 2.Directly use,or dilute with water or, diethylene glycol monobutyl ether to use
- 3.Slowly adding along with stirring until suitable required viscosity condition
- 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 °C to 40°C , can't freeze

Manufacturer:

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