

XOANONS® Polyether modified silicon leveling agent

Model number

XOANONS®WE-D5527

Speccification

Composition	Polyether modified polydimethyl siloxane with biterminal OH group
Appearance	slight yellowish clear liquid(paste at low temperature)
Solvent	---
Density	1.01-1.05g/ml(25±1)°C
Viscosity	F-M(Bubble viscometer)(25±0.2)°C
Active substance	100%
Flash point	>100°C

Note: This datasheet is intended to give typical results, not standard.

Subject to COA.

Application system

Solvent-based coating, PU synthetic leather

Properties

- Replace part polyether polyols to copolymerization with isocyanate when synthetic sizing agent. Improve softness, lubricating property and hydrophobicity of organic resin from structure. Improve hydrolytic stability of PUR. The coating effect is lasting. No migration problem of blending modification silicone.
- Higher solubility than normal silicon, not only can dissolve in water, alcohol system, but also can be used for oil system, even 10% addition.
- Improve smooth performance when add to synthetic fiber processing.

Incorporation

The additives can be incorporated directly ,or added to the resin after diluted with organic solvent or water. Pre-diluted to 20% in water-based.

Suggest addition

Addition to total formulation	0.05-0.5%
Modify resin(dosage to resin)	1-5%

Storage stability

Keep intact 24 months in original package.Products beyond the storage period may continue to be used after inspection. The container must be closed immediately after use.

package

25KG / 180KG