

XOANONS® Polyether modified silicon leveling agent

Model number

XOANONS®WE-D5435

Specification

Composition	Polyether modified polydimethyl siloxane
Appearance	slight yellowish clear liquid(paste at low temperature)
Solvent	---
Density	1.01-1.05g/ml(25±1)°C
Viscosity	25-60s(Tu-4 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, UV Cure

Properties

- Good compatibility in varnish.
- Provide a stronger reduction of the surface tension.
- Reduce the friction coefficient. Increase slip and improve scratch resistance.
- Good recoating and minimal influence on adhesion of coating films at suitable addition and baking temperature.
- Excellent property of anti-crater. Commonly used to replace oil-resistant agent, do not affect the environment and recoatability.
- Not suit for water-based.
- Hazy and viscous may occur at low temperatures. It would become clear and flow after heated. This will not influence the quality

Incorporation

Add with suitable solvent. Can add in any stage during the production including post-addition.

Suggest addition

Addition to total formulation 0.05-0.5%

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.

Applicate recommendation

Transparency in varnish	5
Defoaming	0
Dynamic surface tension	5
Static surface tension	5
Slip	4
Prevent orange peel	1

0=unavailable 5=very effective

Package

25KG / 180KG