

XOANONS® Polyether modified silicon leveling agent

Model number

XOANONS®WE-D5410

Specification

Composition	Polyether modified polydimethyl siloxane
Appearance	slight yellowish clear liquid(paste at low temperature)
Solvent	PMA
Density	0.96-1.00g/ml(25 ± 1)°C
Viscosity	≥U(Bubble viscometer)(25 ± 0.2)°C
Content	92 ± 3%(105°C 3h)
Flash point	> 70°C

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

Application system

Water-based, Solvent-based, UV Cure

Properties

- 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.
- Excellent anti-cratering ability, commonly used to replace oil-resistant agent, do not affect the environment and recoatability.
- Hazy and viscous may occur at low temperatures. It would become clear and flow after heated. This will not influence the quality.

Incorporation

Diluted before addition, added in any stage including post-adding.

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	1
Defoaming	2
Dynamic surface tension	5
Static surface tension	5
Slip	5
Prevent orange peel	1

0=unavailable 5=very effective

package

25KG / 180KG