

XOANONS® Polyether modified silicon leveling agent

Model number

XOANONS®WE-D501

Composition

Polyether modified polydimethyl siloxane

Specifications

Model number	Appearance	Solvent	Density(g/ml) (25±1)°C	Viscosity(s) (25±0.2)°C	Active substance (%)
XOANONS® WE-D501	Slight yellowish clear liquid	— —	1.01-1.05	35-60 (T-4 viscometer)	100

Application system

Solvent based coating/paint

Suggested addition

Model number	Addition to total formulation%
XOANONS®WE-D501	0.01-0.5

Incorporation

The additives can be incorporated during any stage of the production process, including post-addition.

Application recommendation

Model number	A	B	C	D	E	F
XOANONS®WE-D501	4	0	4	3	3	1

A=Transparency in varnish; B=Defoaming; C=Dynamic surface tension;

D=Static surface tension; E=Slip; F=Anti-orange wave ability.

0=unavailable 5=very effective

Property and advantage

Model number	Property and advantage
XOANONS®WE-D501	Reduce the surface tension at a moderate intensity. Reduce the friction coefficient. Improve the resistance of scraping and increase the smooth feeling. Good recoating and minimal influence on adhesion of coating films. Not suit for UV Cure and aqueous coatings. Turbidity and viscosity may occur at low temperatures. It would become transparent and flow after heated. Do not affect the quality of products.

This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above mentioned statements have to be adjusted to the circumstances of the processor.



Package

25KG 180KG

The container should be closed tightly before completely use up.

Storage

Should store in cool and dry place.

Can keep intact 24 months in original package.