

XOANONS® Polyether modified silicon leveling agent

Model number

XOANONS®WE-D5512

Composition

Polyether modified polysiloxane copolymer solution

Specifications

Model number	Appearance	Solvent	Density(g/ml) (25±1)°C	Viscosity (25±0.2)°C	Active substance(%)	Flash point(°C)
XOANONS® WE-D5512	slight yellowish clear liquid	— —	1.02-1.06	S-Z (bubble viscometer)	100	>100

Application system

UV Curing coating/paint and ink

Suggested addition

Model number	Addition to total formulation%
XOANONS®WE-D5512	0.01-0.5

Incorporation

The additive would mix more easily by diluted from formula before incorporation, including post-addition.

Application recommendation

Model number	A	B	C	D	E	F
XOANONS®WE-D5512	5	1	5	5	5	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-D5512	Provide a strong reduction of the surface tension. Reduce the friction coefficient. Improve scraping resistance and smooth feeling. Good recoating and minimal influence on adhesion of coating films. Suit for UV high speed printing ink and UV optical fiber coloring ink. Turbidity and viscosity may occur at lower temperature below 15 °C . 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.