

XOANONS® Substrate wetting agent

Model number

XOANONS®WE-D545

Composition

Polyether modified polydimethyl siloxane

Specifications

Model number	Appearance	Solvent	Density(g/ml) (25±1)°C	Viscosity(s) (25±0.2)°C	Content% (105°C 3h)	Active substance %
XOANONS® WE-D545	Transparent to slight yellowish clear liquid	— —	1.01-1.05	10-32 (T-4 viscometer)	≥92	100

Remarks: The difference between the amount of active substance and non-volatile matter is due to the synthesis-related excess of low molecular weight polyethers which is determined with our test method as part of the volatile content.

Application system

water-borne wood paint water-borne industrial paint water-borne plastic paint

Suggested addition

Model number	Addition to total formulation%
XOANONS®WE-D545	0.1-0.5

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
XOANONS®WE-D545	4	0	4	3	0

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

D=Static surface tension; E=Slip;

0=unavailable 5=very effective

Property and advantage

Model number	Property and advantage
XOANONS®WE-D545	Most effectively reduce the surface tension. Excellent ability of wetting and spreading. At the addition of 0.2% in water, the surface tension of water will be reduced to 20.5mN/m. Freeze may occur at low temperatures. It would become transparent and flow after heated. Do not affect the quality of products.

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.