

DEUREX® EO 4518 O

TECHNICAL INFORMATION

Oil-based dispersion, Oxidized Polyethylene wax, based on DEUREX® EO 45 Chemical description:

Benefits: Probably the hardest wax in the world

Application: Oil-based Printing inks

Offset printing inks (Sheetfed, Web offset, Heatset, Coldset)

Oil-based Wood Protection

Hot foil stamping

Properties: Excellent abrasion- and scratch resistance

Excellent rub resistance

Very good slip (low COF) and anti-blocking Improved chemical and temperature resistance Improved transparency and good overprintability

Linseed oil (Can be made with any other oil) Solvent:

Technical data: White opaque Colour:

Delivery form: Liquid

IBC 950 kg, Drum 190 kg Packaging:

	Minimum	Maximum	Method	
Drop point (wax):	132 °C	135 °C	LV 12 DGF M-III 3	
Particle size: Typical value:		98 % < 18 μm 50 % ~ 8 μm	LV 09	
Solid content*:	18 %	20 %	LV 6	

^{*} part of certificate of analysis

Processing: Stir well before usage

Consume quickly after opening

Storage, shelf life: Store at temperatures between +5 °C and +35 °C, avoid frost

Shelf life 6 months in closed original container

DEUREX® EO 4501 W – Water-based emulsion, 98% < 1 μm Alternative delivery forms:

DEUREX® EO 4508 W - Water-based dispersion, 98% < 8 µm **DEUREX® EO 4515 M** – Micronized powder, 98% < 15 μm DEUREX® EO 4520 M - Micronized powder, 98% < 20 µm DEUREX® EO 4530 M – Micronized powder, $98\% < 30 \ \mu m$ DEUREX® EO 4560 M – Micronized powder, $98\% < 60 \ \mu m$

Alternative products: **BIOMER®** – biodegradable waxes

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Revision: