

DEUREX® EO 4518 O

TECHNICAL INFORMATION

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

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

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

Technical data:

Colour:	White opaque
Delivery form:	Liquid
Packaging:	IBC 950 kg, Drum 190 kg

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

Alternative delivery forms:

DEUREX® EO 4501 W – Water-based emulsion, 98% < 1 µm
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 µm
DEUREX® EO 4560 M – Micronized powder, 98% < 60 µm

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