

DEUREX® EO 4508 W

TECHNICAL INFORMATION

Chemical description: Water-based dispersion of polar oxidized HDPE wax **DEUREX® EO 45**

Benefits: DEUREX® EO 45 probably the hardest wax in the world

Application: Water-based dispersion for

- Textile industry (improved sewability and cutting of textiles)
- Lubricant and release agent
- Care products
- Coatings and inks
- Paper industry
- Hotmelts

Properties:

- High abrasion and scratch resistance
- Improved slip

Solid content: Polar oxidized HDPE wax

Solvent: Purified water

Technical data:

Colour:	Yellowish-white
Delivery form:	Liquid
Packaging:	IBC 950 kg, drum 200 kg, canister 10 kg

	Minimum	Maximum	Method
Drop point (wax):	125 °C	135 °C	LV 12 DGF M-III 3
Solid content*:	49 %	51 %	LV 6
Particle size*:		98 % < 8 µm	LV 09
Typical value:		50 % ~ 5 µm	
Emulsifier system:	non-ionic		

* part of certificate of analysis

Processing:

- Stir well before usage
- Consume quickly after opening

Storage, shelf life:

- Store at temperatures between +5 °C and +28 °C
- Avoid frost
- Shelf life 6 months in closed original container

Alternative delivery forms:

DEUREX® EO 45 K – Fine granules
DEUREX® EO 45 A – Finest powder, 98 % < 150 µm
DEUREX® EO 4520 M – Micronized powder, 98 % < 20 µm
DEUREX® EO 4501 W – Water-based emulsion, 98 % < 1 µm