

DEUREX[®] EO 4401 W

TECHNICAL INFORMATION

Chemical description: Water-borne emulsion based of the oxidized HDPE **DEUREX[®] EO 44**

Applications:

- Water-based paints, coatings and printing inks
- Water-based lubricant and release agent
- Finishing auxiliaries for textiles, paper and leather
- Care products (polishes)
- Hotmelts
- Wood coatings

Properties:

- Increased slip and scratch resistance
- Outstanding abrasion resistance
- Increase of surface gloss and surface smoothness
- Very good blocking resistance and water repellency
- Reduced coefficient of friction
- Anti-caking additive for thermoplastics
- High hardness and temperature resistance
- VOC free, APEO free, Formaldehyde free

Processing:

- Stir well before usage
- Consume quickly after opening

Storage, shelf life:

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

Technical data:

Colour: Yellow opaque
Form of delivery: Liquid
IBC 1,000 kg, Drum 200 kg, Canister 10 kg



	Minimum	Maximum	
Drop point (solid):	133 °C	136 °C	LV 12 (DGF M-III 3)
Average particle size:	50 nm	200 nm	LV 15 ISO 13320
Solid content*:	34 %	36 %	LV 6
Viscosity (23°C):	20 mPas		
Emulsifier system:	non-ionic		
pH-value*:	8.0	10.0	LV 10 DIN ISO 976

* part of certificate of analysis

Alternative delivery forms: **DEUREX[®] EO 44 P** – Powder

Alternative Products:

- DEUREX[®] EO 4701 W** – Transparent HDPE Emulsion
- DEUREX[®] EO 4508 W** – Water-based HDPE dispersion, 98% < 8 µm
- DEUREX[®] EO 4518 O** – Oil-based HDPE dispersion, 98% < 18 µm

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