

DEUREX® EO 4601 W

TECHNICAL INFORMATION

Chemical description: Water-borne emulsion of polar oxidized HDPE **DEUREX® EO 46**

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

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

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: Transparent
Form of delivery: Liquid
IBC 1,000 kg, Drum 200 kg, Canister 10 kg

	Minimum	Maximum	
Drop point (solid):	132 °C	135 °C	LV 12 (DGF M-III 3)
Average particle size:	50 nm	100 nm	
Solid content*:	34 %	36 %	
Emulsifier system:	non-ionic		
pH-value*:	8.5	9.5	

* part of certificate of analysis

Approvals: DEUREX® EO 4601 W is approved for use in the production of consumer good used for food contact.
EU: Regulation (EU) 10/2011 dated 14. January 2011
Approvals with regard to limitations and migration values in the end use application

Alternative delivery form: **DEUREX® EO 46 K** – Fine granules
DEUREX® EO 46 P – Powder

Alternative products: **DEUREX® EO 4501 W** – Average particle size 50 – 200 nm
DEUREX® E 1101 W – Average particle size 100 – 500 nm

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