

DEUREX® EO 4501 W

TECHNICAL INFORMATION

Chemical description:	Water-borne emulsion of polar oxidized HDPE DEUREX® EO 45		
Applications:	<ul style="list-style-type: none"> - Water-based paints, coatings and printing inks - Finishing auxiliaries for textiles, paper and leather - Care products - Hot melts 		
Properties:	<ul style="list-style-type: none"> - 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 and hot-melt adhesives 		
Processing:	<ul style="list-style-type: none"> - Stir well before usage - Consume quickly after opening 		
Storage, shelf life:	<ul style="list-style-type: none"> - Store at temperatures between +5 °C and +28 °C - Shelf life 6 month in closed original container, - Avoid frost 		
Technical data:	Colour:	Ligth yellow opaque	
	Form of delivery:	Liquid IBC 1,000 kg, Drum 200 kg, Canister 10 kg	

	Minimum	Maximum	
Drop point (solid):	125 °C	135 °C	LV 12 (DGF M-III 3)
Particle size:		98 % < 1 µm	LV 5 (DIN ISO 13320)
Solid content*:	34 %	36 %	
Emulsifier system:	non-ionic		
pH-value*:	8.0	10.0	

* part of certificate of analysis

Approvals:	DEUREX® EO 4501 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
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Alternative delivery form:	DEUREX® EO 45 K – Fine granules DEUREX® EO 45 A – Finest powder, 98% < 150 µm DEUREX® EO 4520 M – Micronized powder, 98% < 20 µm
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