

DEUREX® EO 4601 W

TECHNICAL INFORMATION

Chemical description:	Water-borne emulsion of polar oxidized HDPE DEUREX® EO 46		
Applications:	<ul style="list-style-type: none"> - 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:	<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 - High hardness 		
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:	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
	<i>* part of certificate of analysis</i>		
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		

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.

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