

## DEUREX<sup>®</sup> EO 4701 W

	TECHNICAL INFORMATION			
Chemical description:	Water-based emulsion based of the oxidized HDPE DEUREX® EO 47			
Applications:	Water-based paints, coatings and printing inks Water-based lubricant and release agent Water-based overprint varnishes and flexo printing inks 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: Form of delivery:	Transparent Liquid IBC 1,000 kg, Drum 200 kg, Canister 10 kg		
		Minimum	Maximum	Method
A	Drop point (solid):	132 °C	135 °C	ASTM D 3954
	Average particle size:	50 nm	100 nm	ISO 13320
	Solid content*:	34 %	36 %	IR Moisture-Analyzer
	Viscosity (23°C):		20 mPas	ISO 2555
	Emulsifier system:	non-ionic		
	pH-value*:	9.0	10.0	pH-electrode
	* part of certificate of analysis			

**Alternative Products:** 

https://www.deurex.com/productsearch/DEUREX-EO-4701-W/

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. (a) - registered trademark by DEUREX