

DEUREX[®] EO 46 P

TECHNICAL INFORMATION

Chemical description:	Oxidized HDPE wax		
Production process:	Wet Oxidation		
Applications:	<u>Production of water based emulsions and dispersions for</u> <ul style="list-style-type: none"> - Textile industry (improved sewability and cutting of textiles, improves machine lifetime) - Care products, polishes - Coatings and inks (e.g. overprint varnishes) - Leather & paper industry 		
Benefits:	<ul style="list-style-type: none"> - White powder, transparent melt - Finer particle size compared to DEUREX[®] EO 46 K - For the production of very fine and transparent emulsions - Easier to emulsify than DEUREX[®] EO 45 P due to higher acid value 		
Properties:	<ul style="list-style-type: none"> - Improves the surface properties including scratch resistance by lowering the coefficient of friction - High density and high drop point - Excellent abrasion resistance - High blocking resistance and UV stability - Improves processing time and adhesion to substrate - Improves slip 		
Technical data:	Color:	Off-white	
	Delivery form:	DEUREX EO 46 P	= Powder
		Minimum	Maximum
	Drop point*:	132 °C	135 °C
	Acid value*:	28 mgKOH/g	32 mgKOH/g
	Penetration:		0.5 mm*10 ⁻¹
	Viscosity (140 °C)*:		2.000 mPas
	Density (23 °C):	0.97 g/cm ³	0.99 g/cm ³
			Method
			ASTM D 3954
			ASTM D 1386
			ASTM D 1321
			ISO 3219
			ISO 1183
	* Part of certificate of analysis		
Approvals:	Food contact approvals		
Alternative products:	See https://www.deurex.com/productsearch/DEUREX-EO-46-P/		

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