

DEUREX® EO 77 K

TECHNICAL INFORMATION

Chemical description:	Oxidized emulsifiable polyethylene wax		
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 <u>PVC and other plastics</u> <u>Printing inks</u>		
Properties:	<ul style="list-style-type: none"> - For the production of very fine and transparent emulsions - Highly effective external lubricant - Water resistance, smoothness and gloss - Release agent - Good antiblocking and slip - Good abrasion resistance 		
Technical data:	Colour:	Off-white	
	Delivery form:	DEUREX® EO 77 K = Fine Granules	
		Minimum	Maximum
	Drop point*:	100 °C	110 °C
			Method
			LV 12 (DGF M-III 3)
	Congealing point:	86 °C	90 °C
			LV 12 (DGF M-III 3)
	Acid value*:	15 mgKOH/g	19 mgKOH/g
			DIN EN ISO 2114
	Viscosity (140 °C):		20 mPas
			LV 2 (DIN EN ISO3104)
	Penetration:	7.0 mm*10 ⁻¹	11.0 mm*10 ⁻¹
			LV 4 (DIN 51579)
	Density (23 °C):	0.92 g/cm ³	0.94 g/cm ³
			LV 3 (DIN EN ISO 1183)
	* Part of certificate of analysis		
Alternative products:	DEUREX® EO 75 K – Oxidized LDPE wax, acid value 7 DEUREX® EO 76 K – Oxidized LDPE wax, acid value 12 DEUREX® EO 78 K – Oxidized LDPE wax, acid value 22		

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