

DEUREX® EO 47 K

	TECHNICAL INFOR	MATION			
Chemical description:	Oxidized HDPE wo	х			
Production process:	Dry Oxidation				
Applications:	 Textile industry (im machine lifetime) Care products, per Coatings and inkstantiation 	Production of water based emulsions and dispersions for 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:		For the production of very fine and transparent emulsions Easier to emulsify than DEUREX® EO 46 K due to higher acid value			
Properties:	 by lowering the c High density and Excellent abrasior High blocking resi 	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: Delivery form:	Off-white DEUREX EO 47 K = Fine granules			
		Typical value		Method	
			139 °C	LV 12	
	Drop point:	137 °C	137 C		
	Drop point: Acid value*:	137 °C 34 mgKOH/g	36 mgKOH/g	(DGF M-III 3) DIN EN ISO 2114	
				(DGF M-III 3) DIN EN ISO 2114 LV 4	
	Acid value*:	34 mgKOH/g	36 mgKOH/g	(DGF M-III 3) DIN EN ISO 2114 LV 4 (DIN 51579) LV 2	
	Acid value*: Penetration:	34 mgKOH/g	36 mgKOH/g 0.5 mm*10 ⁻¹	(DGF M-III 3) DIN EN ISO 2114 LV 4 (DIN 51579) LV 2 (DIN EN ISO3104) LV 3	
	Acid value*: Penetration: Viscosity (150 °C):	34 mgKOH/g 0.97 g/cm³	36 mgKOH/g 0.5 mm*10 ⁻¹ 3.000 mPas	(DGF M-III 3) DIN EN ISO 2114 LV 4 (DIN 51579) LV 2 (DIN EN ISO3104)	
Approvals:	Acid value*: Penetration: Viscosity (150 °C): Density (23 °C): * Part of certificate of of DEUREX® EO 47K is come into contact EU: Regulation (EU USA: FDA CFR §§	34 mgKOH/g 0.97 g/cm ³ analysis approved for the prost with food.	36 mgKOH/g 0.5 mm*10 ⁻¹ 3.000 mPas 0.99 g/cm ³ oduction of com 200, 176.210, 177	(DGF M-III 3) DIN EN ISO 2114 LV 4 (DIN 51579) LV 2 (DIN EN ISO3104) LV 3 (DIN EN ISO 1183) modifies intended to	
Approvals: Alternative products:	Acid value*: Penetration: Viscosity (150 °C): Density (23 °C): * Part of certificate of a DEUREX® EO 47K is come into contac EU: Regulation (EU USA: FDA CFR §§ (Approvals with regard DEUREX® EO 45 K	34 mgKOH/g 0.97 g/cm ³ analysis approved for the prost with food. J) 10/2011 175.105, 176.180, 176.	36 mgKOH/g 0.5 mm*10 ⁻¹ 3.000 mPas 0.99 g/cm ³ oduction of com 200, 176.210, 177 n values in the final ap acid value 25	(DGF M-III 3) DIN EN ISO 2114 LV 4 (DIN 51579) LV 2 (DIN EN ISO3104) LV 3 (DIN EN ISO 1183) modifies intended to	

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