

DEUREX® MM 81 Micro

TECHNICAL INFORMATION

Chemical description:	Micronized Montanic wax „E“ (Ester)		
Applications:	Polar pigment concentrates (i.e. PA, PC, PET, PVC and PS)		
Properties:	<ul style="list-style-type: none"> • 100-400 times smaller particles than powder waxes (i.e. "Montan wax E powder") • spherical particle shape • better distribution compared to coarse powder • easy and quick dispersion 		
Advantages:	<ul style="list-style-type: none"> • 10 – 20% reduction in pigment costs • significant increase of colour strength • reduction of insertion concentration of the pigments/ waxes • reduced filter pressure value → increase of capacity 		
Technical data:	Colour:	light yellow	
	Form:	micro fine powder	
		Minimum	Maximum
	Particle size*:		50% < 8 µm
	Melting point:	79°C	85 °C
	Viscosity (140°C):	10 mPas	20 mPas
	Penetration:	0,8 dmm	1,2 dmm
	Density (23°C):	1,01 g/cm ³	1,03 g/cm ³
	Acid number:	15 mg KOH/g	20 mg KOH/g
			LV 5 (ISO 13320-1)
			LV 1 (DIN EN ISO 3146)
			LV2 (DIN EN ISO 3104)
			LV 4 (DIN 51579)
			LV 3 (DIN EN ISO 1183)
			DIN EN ISO 2114
		<i>* part of certificate of analysis</i>	
Admissions:	EC - Direktive 2002/72/EC dt. 06. August 2002, Ref.-No.: 67840 EC - Direktive 95/2/EC dt. 20. February 1995 EC - Direktive 95/3/EC dt. 14. February 1995 BfR - Recommendations II. - XXV. - XXXVI. - XXXIX. - XLI. - LII. Food and Drug Administration (FDA) §§ 176.170, 176.180, 178.3770 (a), 178.3770 (c), 172.210 (b) (Admission by considering the limitations)		
Safety:	The product is no dangerous preparation, according to Directive 1999/45/EC, Article 2 (2) – see Material Safety Data Sheet.		

This datasheet 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.