

DEUREX® MM 82 Micro

TECHNICAL INFORMATION

Chemical description:	Micronized Montanic wax „OP“ – partly saponified 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 OP 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	Method
	Particle size*:		50% < 8 µm	LV 5 (ISO 13320-1)
	Melting point:	98°C	104 °C	LV 1 (DIN EN ISO 3146)
	Viscosity (140°C):	200 mPas	400 mPas	LV 2 (DIN EN ISO 3104)
	Penetration:	0,8 dmm	1,2 dmm	LV 4 (DIN EN ISO 3146)
	Density (23°C):	1,01 g/cm ³	1,03 g/cm ³	LV 3 (DIN EN ISO 1183)
	Acid number:	10 mg KOH/g	15 mg KOH/g	DIN EN ISO 2114
	<i>* part of certificate of analysis</i>			
Admissions:	EC - Direktive 95/2/EC dt 20. February 1995 EC - Direktive 95/3/EC dt 14. February 1995 BfR - Recommendation II. - XXXVI. - XXXIX. - XLI. – XLIV. - LII. Food and Drug Administration (FDA) §§ 178.3770 (a), 178.3770 (c) (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.