

DEUREX® MF 5780 S

TECHNICAL INFORMATION

Chemical description:	Spherical, micronized Polyethylene wax modified with PTFE			
Applications:	Powder-coatings , provides structure in Hybrid-Systems, Polyester and Polyurethanes			
Properties:	<ul style="list-style-type: none">• allows controlled texture• optimum scratch- and abrasion resistance and lubricity• improves heat and solvents resistance• improves gloss			
Advantages:	<ul style="list-style-type: none">• easy to disperse and very compatible product for powder-coatings• addition levels of 0,5 – 2,0% are typical depending on results wanted			
Technical data:	Colour:	white		
	Form:	micro fine powder		
		Minimum	Maximum	Method
	Particle size*:		90% < 80 µm 50% < (13 µm)	LV 5 (ISO 13320-1)
	Melting point (wax):	120°C	125°C	LV 1
	Melting point (PTFE):	320 °C	340 °C	LV 1 (DIN EN ISO 3146)
	Penetration:	1,5 dmm	2,5 dmm	LV 4 (DIN 51579)
	Density (23°C):		< 1,00 g/cm ³	LV 3 (DIN EN ISO 1183)
	<i>* part of certificate of analysis</i>			
Admissions:	Directive 2002/72/EC from 2002-08-06 BfR-recommendations (German) II. - V. - VI. - XXI. - XXV. - XXXVI/1. - LI. - LII. Food and Drug Administration (FDA) §§ 175.105, 175.300, 177.1520, 177.1550 (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.