

DEUREX® MO 4615

TECHNICAL INFORMATION

Chemical description:	Spherical, micronized, polar oxidized polyethylene wax			
Applications:	Paints and coatings , like i.e. powder-, can-, car-, industrial-, building-, furniture- and floor coatings Printing inks - like i.e. gravure-, overprint-, screen-, flexo-, heatset-, sheetfed- and coldset inks			
Properties:	<ul style="list-style-type: none">• very good mar-and scratch resistance• less hydrophobic than other micronized waxes• hydrophilic character - easy to disperse with low content of surfactants in aqueous systems• improves slip and anti-blocking• matting effect• soft feel			
Advantages:	<ul style="list-style-type: none">• spherical particle shape made by DEUREX spraying technology• narrow particle size distribution• easy to disperse because of spherical particle shape• guaranteed maximum particle size			
Technical data:	Colour:	white		
	Form:	micro fine powder		
		Minimum	Maximum	Method
	Particle size*:		99% < 15 µm 50% < (6 µm)	LV 5 (ISO 13320-1)
	Melting point:	105°C	115°C	LV 1 (DIN EN ISO 3146)
	Viscosity (140°C):	200 mPas	400 mPas	LV 2 (DIN EN ISO 3104)
	Penetration:	1,0 dmm	3,0 dmm	LV 4 (DIN 51579)
	Density (23°C):	0,92 g/cm ³	0,94 g/cm ³	LV 3 (DIN EN ISO 1183)
	Acid number:	5 mg KOH/g	10 mg KOH/g	DIN EN ISO 2114
	<i>* part of certificate of analysis</i>			
Admissions:	Directive 2002/72/EC from 2002-08-06 BGVO (German) BfR-recommendations (German) XXV. - Chapter E, Additive Food and Drug Administration (FDA) §§ 175.105, 175.300, 177.1520 (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.