

## DEUREX® S 3419 M

### TECHNICAL INFORMATION

<b>Chemical description:</b>	Micronized Silica, embedded in polymers (Eco-coated)		
<b>Benefits:</b>	<ul style="list-style-type: none"> <li>- Silica coated polymer</li> <li>- Polymer features dominate</li> <li>- Silica gives the coating very good matting properties</li> <li>- There are no additional matting agents necessary</li> <li>- Guaranteed maximum particle size and constant and narrow particle size distribution</li> </ul>		
<b>Applications:</b>	<u>Paints and coatings</u> <ul style="list-style-type: none"> <li>- Industrial coatings</li> <li>- Wood coatings</li> <li>- Printing inks</li> </ul>		
<b>Properties:</b>	<ul style="list-style-type: none"> <li>- Good matting efficiency</li> <li>- Outstanding resistance against household chemicals</li> <li>- Excellent abrasion and scratch resistance</li> <li>- Excellent transparency</li> <li>- Uniform surface distribution</li> </ul>		
<b>Technical data:</b>	Colour:	White	
	Delivery form:	<b>DEUREX® S 3419 M</b> = Micronized powder	
		Minimum	Maximum
	Particle size*:	98% < 19 µm	
	Typical value:	50% ~ 5 µm	
			Method
	Density (23 °C) (Polymer):	0.97 g/cm³	LV 3 (DIN EN ISO 1183)
	Melting point (Silica):	1,600 °C	LV 1 (ASTM D4591)
	Density (23 °C) (Silica):	2.60 g/cm³	LV 3 (DIN EN ISO 1183)
	Shelf life:	24 month	
		(In closed, original containers in compliance with storage conditions)	
	* Part of certificate of analysis		
<b>Alternative delivery forms:</b>	<b>DEUREX® S 30 Micro-Series</b> – Micronized powder with 100% Silica <b>DEUREX® S 3119 M</b> – Double coated, polymer completely embedded in Silica <b>DEUREX® S 3219 M</b> – Fully coated, polymer completely coated with Silica <b>DEUREX® S 3319 M</b> – Spot coated, stoichiometrically calculated amount of Silica <b>DEUREX® S 3208 W</b> – Water-based dispersion		

This data sheet 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. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.

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