

DEUREX® S 3119 M

TECHNICAL INFORMATION

Chemical description:	Micronized Silica, embedded in polymers (Double coated)		
Benefits:	<ul style="list-style-type: none"> - Silica and polymer are completely embedded, like in a "wax cloud" - Silica features dominate - The product can also be fully used as a Silica replacement - Silica gives the coating very good matting properties - There are no additional matting agents necessary - Guaranteed maximum particle size and constant and narrow particle size distribution 		
Applications:	<u>Paints and coatings</u> <ul style="list-style-type: none"> - Industrial coatings - Wood coatings - Printing inks 		
Properties:	<ul style="list-style-type: none"> - Very high matting efficiency - Outstanding resistance against household chemicals - Excellent abrasion and scratch resistance - Excellent transparency - Uniform surface distribution 		
Technical data:	Colour:	White	
	Delivery form:	DEUREX® S 3119 M = Micronized powder	
		Minimum	Maximum
	Particle size*:	98% < 19 µm	
	Typical value:	50% ~ 5 µm	
			Method
	Density (23 °C) (Polymer):	0.97 g/cm³	0.99 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	2.70 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		
Alternative delivery forms:	DEUREX® S 30 Micro-Series – Micronized powder with 100% Silica DEUREX® S 3219 M – Fully coated, polymer completely coated with Silica DEUREX® S 3319 M – Spot coated, stoichiometrically calculated amount of Silica DEUREX® S 3419 M – Eco-coated, wax with a standard dose of Silica DEUREX® S 3208 W – Water-based dispersion		

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