

DEUREX® S 3219 M

TECHNICAL INFORMATION

- Chemical description:** Micronized Silica, embedded in polymers (Fully coated)
- Benefits:**
- Polymer surface is completely coated with Silica
 - Product floats in aqueous systems
 - 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:** Paints and coatings
- Industrial coatings
 - Wood coatings
 - Printing inks
- Properties:**
- 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 3219 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98% < 19 µm	LV 5
Typical value:		50% ~ 5 µm	(DIN ISO 13320)
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 3119 M** – Double coated, polymer completely embedded in 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