

## **DEUREX® S 3319 M**

**TECHNICAL INFORMATION** 

Chemical description: Micronized Silica, embedded in polymers

(Spot coated)

Benefits: - Polymer surface is coated with a stoichiometrically calculated dose of Silica

- Product migrates to the surface of aqueous and solvent-based systems

Silica gives the coating very good matting propertiesThere are no additional matting agents necessary

- Guaranteed maximum particle size and constant and narrow particle size

distribution

Applications: Paints and coatings

Industrial coatingsWood coatingsPrinting inks

**Properties**: - Very high matting efficiency

- Outstanding resistance against household chemicals

- Excellent abrasion and scratch resistance

Excellent transparencyUniform surface distribution

Technical data: Colour: White

Delivery form: **DEUREX® S 3319 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/cm <sup>3</sup>	0.99 g/cm <sup>3</sup>	LV 3 (DIN EN ISO 1183)
Melting point (Silica):		1,600 °C	LV 1 (ASTM D4591)
Density (23 °C) (Silica):	2.60 g/cm <sup>3</sup>	2.70 g/cm <sup>3</sup>	LV 3 (DIN EN ISO 1183)
Shelf life:	(In closed, original cor	24 month	with storage conditions)

<sup>\*</sup> 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 comepletly emedded in Silica **DEUREX® S 3219 M** – Fully coated, polymer completely coated with Silica **DEUREX® S 3419 M** – Eco-coated, wax with a standard dose of Silica

**DEUREX® S 3208 W** – 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.

③ - registered trademark by DEUREX

Revision: