

DEUREX® S 3208 W

TECHNICAL INFORMATION

Chemical description: Water-based dispersion based on silica coated wax DEUREX® \$ 32

Application: Water-based coatings and water-based printing inks

Properties: - Excellent matting properties

- Improved abrasion and scratch resistance

- Very good transparency

- Excellent chemical and weather resistance

Constant distribution on the surface

Solid content: Micronized Silica, embedded in polymers

Solvent: Purified water

Technical data: Colour: White opaque

Delivery form: Liquid

Packaging: IBC 950 kg, drum 200 kg, canister 10 kg

	Minimum	Maximum	Method
Drop point (wax)*:	110 °C	120 °C	LV 12 DGF M-III 3
Melting point (Silica)*:		1600 °C	ASTM D4591
Solid content*:	20 %	23 %	LV 6
Particle size*: Typical value:		98 % < 8 μm 50 % ~ 3 μm	LV 09
Emulsifier system:	non-ionic		
pH value:	6.0	7.0	LV 10 DIN ISO 976

^{*} part of certificate of analysis

Processing: - Stir well before usage

Consume quickly after opening

Storage, shelf life: - Store at temperatures between +5 °C and +28 °C

Avoid frost

- Shelf life 6 months in closed original container

Alternative delivery forms: DEUREX® \$ 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 3319 M** – Spot coated, stoichiometrically calculated amount of Silica

DEUREX® S 3419 M - Eco-coated, wax with a standard dose of Silica

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