

## DEUREX<sup>®</sup> S 3208 W

### TECHNICAL INFORMATION

**Chemical description:** Water-based dispersion based on silica coated wax **DEUREX<sup>®</sup> S 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*:		98 % < 8 µm	LV 09
Typical value:		50 % ~ 3 µm	
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<sup>®</sup> S 30 Micro-Series** – Micronized powder with 100% Silica  
**DEUREX<sup>®</sup> S 3119 M** – Double coated, polymer completely embedded in Silica  
**DEUREX<sup>®</sup> S 3219 M** – Fully coated, polymer completely coated with Silica  
**DEUREX<sup>®</sup> S 3319 M** – Spot coated, stoichiometrically calculated amount of Silica  
**DEUREX<sup>®</sup> S 3419 M** – Eco-coated, wax with a standard dose of Silica