

DEUREX EO 4519 ABS

TECHNICAL INFORMATION

Chemical description: Micronized oxidized HDPE-wax with built-in anti-blocking system (ABS)

Applications:

- Paints and coatings
- Solvent and water based paints and coatings
 - Powder coatings, industrial coatings
 - Wood, furniture and parquet coatings
 - Can and coil coatings

Masterbatch

- For pigments which are difficult to disperse

Properties:

- Excellent Anti-blocking
- Very good sandability
- High hardness
- Improved abrasion and scratch resistance
- Good Slip properties, reduction of the friction coefficient
- Improved anti-caking properties
- Degassing agent for powder coatings
- Increases extruder output, improves flowability of the powder
- Fast drying of paints and coatings
- Gloss-reducing properties in coatings
- Soft-feel effect in wood coatings
- PFAS, PTFE, VOC free

Benefits:

- DEUREX® EO 45 probably the hardest wax in the world
- Guaranteed maximum particle size and constant and narrow particle size distribution
- Easily dispersible without lump or coagulate formation
- Free-flowing, non-sticking

Technical data:

Colour: White
Delivery form: **DEUREX EO 4519 ABS** = Micronized powder

	Minimum	Maximum	Method
Particle size*:		98 % < 19 µm	ISO 13320
Typical value:		50 % ~ 8 µm	
Drop point*:	138 °C	143 °C	ASTM D 3954
Penetration:	1 mm*10 ⁻¹	2 mm*10 ⁻¹	ASTM D 1321
Density (23 °C):	0.97 g/cm ³	0.99 g/cm ³	ISO 1183

* Part of certificate of analysis

Approvals:

Food contact approvals

Alternative delivery form:

See <https://www.deurex.com/products/>

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.