

DEUREX® EO 4560 M

TECHNICAL INFORMATION

Chemical description: Micronized oxidized HDPE

Benefits: DEUREX® EO 45 probably the hardest wax in the world

Applications: - Flexo- and gravure inks

- Lithographic paste inks

- Heat set

- Used in water-based-coatings and inks,

UV/EB cured coatings and inks

- Dry-film lubricants and thinner film applications

Powder coatings

Properties: - High temperature stability

- Outstanding abrasion resistance and toughness

- Very good blocking resistance

Friction coefficient might be the best choice from all waxes

Excellent antisettling and antifloating properties
 Highly compatible with aqueous-based systems

- Non sticky, free flowing matting lubricant

Technical data: Colour: White

Consistencies: **DEUREX® EO 4560 M** = Micronized powder

20 Lex				Peak: 130.010
20	E045			
15				
10				
5				

	Minimum	Maximum	Method
Particle size*: Typical value:		98% < 60 μm 50% ~ 18 μm	ISO 13320
Drop point*:	132 °C	135 °C	ASTM D 3954
Penetration:		0.5 mm*10 ⁻¹	ASTM D 1321
Density (23 °C):	0.97 g/cm³	0.99 g/cm ³	ISO 1183

^{*} Part of certificate of analysis

Approvals: Food contact approvals

Alternative products: See https://www.deurex.com/productsearch/DEUREX-EO-4560-M/

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.

© - registered trademark by DEUREX