

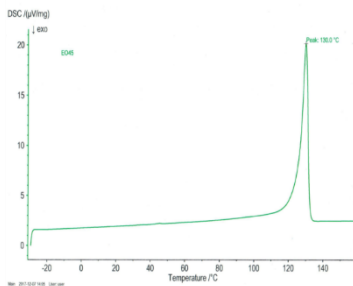
DEUREX® EO 4545 M

TECHNICAL INFORMATION

- Chemical description:** Micronized oxidized HDPE wax
- Benefits:** DEUREX® EO 45 probably the hardest wax in the world
- Applications:**
- Lithographic paste ink
 - Used in water-based-coatings and inks,
 - UV/EB cured coatings and inks
 - Flexo and gravure inks
 - Dry-film lubricants and thinner film applications
 - Processing aid and gloss reducer in 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 antisetling and antifoaming properties
 - Highly compatible with aqueous-based systems

Technical data:

Colour: White
Consistencies: **DEUREX® EO 4545 M** = Micronized powder



	Minimum	Maximum	Method
Particle size*:		98% < 45 µm	ISO 13320
Typical value:		50% ~ 13 µm	
Drop point*:	132 °C	135 °C	ASTM D 3954
Penetration:		0.5 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 products : See <https://www.deurex.de/produktsuche/DEUREX-EO-4545-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