

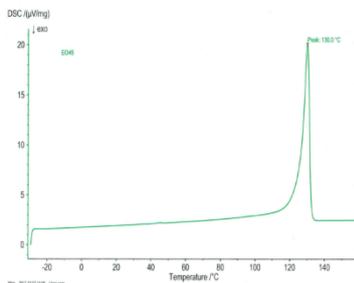
## DEUREX EO 4545 M

### 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
  - Masterbatch
- 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 antifloating properties
  - Highly compatible with aqueous-based systems
  - For difficult to disperse pigments

**Technical data:**

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



	Minimum	Maximum	Method
Particle size*: Typical value:		98% < 45 µm 50% ~ 13 µm	ISO 13320
Drop point*:	132 °C	135 °C	ASTM D 3954
Penetration:		0.5 mm*10 <sup>-1</sup>	ASTM D 1321
Density (23 °C):	0.97 g/cm <sup>3</sup>	0.99 g/cm <sup>3</sup>	ISO 1183

\* Part of certificate of analysis

**Approvals:** Food contact approvals

**Alternative products :** See <https://www.deurex.de/produktsuche/DEUREX-EO-4545-M/>

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