

DEUREX® EO 4515 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 4515 M** = Micronized powder

20 L ext				Peak: 130.0 °C
20	E045			
15				
10				
5				

	Minimum	Maximum	Method
Particle size*: Typical value:		98% < 15 μm 50% ~ 6 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/cm ³	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-4515-M/

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