DEUREX H 9515 M

TECHNICAL INFORMATION

Chemical description: Micronized hybrid wax, based on Polyethylene, Fischer-Tropsch- and Amide wax

Benefits:

Hybrid waxes offer a variety of wax properties:

- Contains short-chained polyethylene waxes to optimize adhesion and flexibility on the surface of the end product as well as UV resistance
- Contains long-chained hard paraffins (FT waxes) to increase scratch, abrasion and heat resistance
- Contains high-melting amide waxes to increase the temperature resistance but above all to improve the anti-blocking and free flowing properties, the degassing and to avoid the formation of agglomerates

Applications:

Liquid coatings

- Very good scratch resistance
- Lowers the coefficient of friction (slip)
- Improves abrasion resistance and minimizes metal markings
- Soft touch and anti-blocking properties

Printing inks

- Slip and rub resistance
- Anti-blocking properties

Powder coatings

- Very good degassing agent
- Improves flowability of the powder
- Provides slip and scratch resistance

Properties:

- Excellent rub resistance after a short drying time
- Gloss-reducing properties in all coatings

Processing:

- Economically beneficial due to the usage of less energy and lower temperatures in the production process
- Reduction of manufacturing costs by quickly and effectively processing

Technical data:

Colour: White
Delivery form: **DEUREX H 9515 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*: Typical value:		98 % < 15 µm 50 % ~ 5 µm	ISO 13320
Drop point*	135 °C	145 °C	ASTM D 3954
Penetration:		3 mm*10^{-1}	ASTM D 1321
Density (23 °C):	0.97 g/cm³	0.99 g/cm³	ISO 1183

* Part of certificate of analysis

Approvals: Food contact approvals

Alternative products: See **https://www.deurex.com/productsearch/DEUREX-H-9515-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.

DEUREX AG
Dr.-Bergius-Straße 8-12
D-06729 Elsteraue

T.:+49 (0) 03441/8 29 29 29
F.:+49 (0) 03441/8 29 29 28
info@deurex.com / www.deurex.com