DEUREX®
THE WAX COMPANY

DEUREX® H 9215 M

TECHNICAL INFORMATION

Chemical description: Micronized hybrid wax based on Polyethylene wax and Amide wax

Production process: Homogeneously melted wax hybrid, micronized by DEUREX® air classifiacation

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 high-melting polyolefin waxes to increase the temperature resistance and hydrophilicity of the surface
- Contains high-melting amide waxes to increase the temperature resistance but above all to improve the anti-blocking and free flowing properties, the degassing as well as 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
- Less agglomerates in the product
- 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 9215 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*: Typical value:		98 % < 15 µm 50 % ~ 6 µm	LV 5 (DIN ISO 13320)
Drop point*	130 °C	140 °C	LV 12 (DGF M-III 3)
Acid value:		5 mgKOH/g	DIN EN ISO 2114
Penetration:		5 mm*10^{-1}	LV 4 (DIN 51579)
Density (23 °C):	0.97 g/cm³	0.99 g/cm³	LV 3 (DIN ISO 1183)

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

* Part of certificate of analysis

Alternative delivery forms:

DEUREX® H 92 G – Granules
DEUREX® H 92 A – Finest powder, 98% < 150 µm
DEUREX® H 9220 M – Micronized powder, 98% < 20 µm
DEUREX® H 9208 W – Micronized powder, 98% < 8 µm