DEUREX
THE WAX COMPANY

DEUREX H 9122 M

TECHNICAL INFORMATION

Chemical description: Micronized hybrid wax, based on Fischer-Tropsch wax and Polyethylene 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 Fischer-Tropsch waxes to increase scratch and abrasion resistance
- Contains high-melting polyolefin waxes to increase the temperature resistance and hydrophilicity of the surface

Applications:

Paints and coatings
- Liquid coatings, Powder coatings, can coatings, UV coatings

Printing inks
- Gravure, flexo, offset, radiation curing inks

Properties:
- Excellent abrasion and scratch resistance
- Very good chemical and weather resistance
- Improved UV-resistance and anti-blocking properties

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 9122 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*: Typical value:		98 % < 22 µm 50 % ~ 8 µm	ISO 13320
Drop point*	110 °C	120 °C	ASTM D 3954
Penetration:		2 mm*10^{-1}	ASTM D 1321
Density (23 °C):	0.94 g/cm³	0.95 g/cm³	ISO 1183

* Part of certificate of analysis

Approvals: Food contact approvals

Alternative products: See **https://www.deurex.com/productsearch/DEUREX-H-9122-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.

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