DEUREX®
THE WAX COMPANY

DEUREX® S 5519 M

TECHNICAL INFORMATION

Chemical description: Carnauba-bio-based micronized wax, coated with silica

Benefits:
- Application as **food additive** for the **direct contact with food**

Applications:
- Can and coil coatings
- Food colourings and printing inks that come into direct contact with food
- Coatings, varnishes and coating materials that come into direct contact with food

Properties:
- Silica gives the coating excellent matting properties
- No additional matting agents required
- Free-flowing powder, very easy to dose, and can be stirred
- Increased abrasion resistance
- Improved slip
- Improved weather resistance (H_2O, UV, ozone, cold)

Technical data:

Colour: Light yellow
Delivery forms: **DEUREX® S 5519 M** = Micronized powder

	Minimum	Maximum	Method
Particle size*: Typical value:		98 % < 19 µm 50 % ~ 5 µm	LV 5 (ISO 13320)
Drop point (wax)*:	81 °C	90 °C	LV 12 (DGF M-III 3)
Penetration:		1 mm*10^{-1}	LV 4 (DIN 51579)
Acid value:	2 mgKOH/g	7 mgKOH/g	DIN EN ISO 2114

* Part of certificate of analysis

Approvals: All the components contained in S 5519 M match with the list of food additives 'other substances' (state Jan. 2015), including all clarifications, applications and maximum quantities.

Alternative delivery form:
DEUREX® X 55 G – Granules
DEUREX® X 5520 M – Micronized powder, 98% < 20 µm
DEUREX® X 5505 W – Water-based dispersion, 98% < 5 µm

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