

DEUREX® X 52

TECHNICAL INFORMATION

Chemical description:	Sugar cane wax
INCI-Name:	Saccharum officinarum cera
Benefits:	<ul style="list-style-type: none"> - Natural wax with a very attractive price performance ratio - No seasonal fluctuations in availability - AIR CLASSIFICATION PROCESS with fineness < 150 µm (DEUREX X 52 A)
Properties:	It is a wax with high hardness which is easy to emulsify and grindable, it offers good retention and it is physiologically harmless.
Application:	<p><u>Sustainable formulations</u></p> <ul style="list-style-type: none"> - Bio based plastics - Bio based paints and coatings - Bio care products <p><u>Coatings and powder coatings</u></p> <ul style="list-style-type: none"> - Matting agent - Grip - Increased scratch resistance <p><u>Plastics, PVC and Masterbatches</u></p> <ul style="list-style-type: none"> - Internal and external lubricant <p><u>Printing inks</u></p> <ul style="list-style-type: none"> - Improved scratch resistance - Higher colour output - Processing aid

Technical Data:	Colour:	Light yellow
	Delivery forms:	DEUREX X 52 = Slabs, 5 - 15 cm DEUREX X 52 G = Granules, 1 - 5 mm DEUREX X 52 A = Fine powder, < 150 µm

	Minimum	Maximum	Method
Drop point*:	78 °C	82 °C	LV 12 (DGF M-III 3)
Acid value:	20 mg/KOH/g	30 mg/KOH/g	DIN EN ISO 2114
Viscosity (140 °C):		40 mPas	LV 2 (DIN EN ISO3104)
Penetration:	1.0 mm*10 ⁻¹	3.0 mm*10 ⁻¹	LV 4 (DIN 51579)
Density (23 °C):		0.90 g/cm ³	LV 3 (DIN EN ISO 1183)

* Part of certificate of analysis
Sugar cane waxes are natural products. Physical properties are subject to slight variations.

Approvals:	FDA Status/Regulation: GRAS - Generally recognized as safe (USA). INCI name (International Nomenclature Cosmetic Ingredients): Saccharum officinarum cera. USA: FDA 21 CFR §§ 174.5, 175.105, 175.300, 175.320, 176.170, 177.1200, 177.1550 (Approvals with regard to limitations and migration values in the final application)
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Safety:	The product is no dangerous preparation according to Directive 1999/45/EC. It is not subject to labeling according to EC Directive 67/548/EWG and Regulation (EC) 1272/2008.
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