

DEUREX® X 52 G

TECHNICAL INFORMATION

Chemical description:	Sugarcane wax		
Benefits:	<ul style="list-style-type: none"> - Natural wax from renewable raw materials with a very attractive price-performance ratio - Replacement of previously used fossil wax products in many applications - No seasonal fluctuations in availability (as carnauba or montana) - Biodegradable according to EN 13432 		
Applications:	<u>PVC and other plastics</u> <ul style="list-style-type: none"> - Can be used in all U-PVC and P-PVC applications but also in C-PVC 		
Properties:	Internal and external wax, highly effective which <ul style="list-style-type: none"> - Delays fusion - Decreases torque, pressure and melt viscosity - Mold release agent - Gloss improver in U-PVC esp. in window profile applications - Specially useful for high speed extrusion of cables 		
Typical dosages:	Depending on the rheological requirements: <ul style="list-style-type: none"> - Up to 0.2 phr for PVC and C-PVC 		
Technical data:	Colour:	Light yellow	
	Delivery forms:	DEUREX® X 52 G = Granules	
		Minimum	Maximum
Drop point*:		78 °C	82 °C
Acid value:		20 mg/KOH/g	30 mg/KOH/g
Viscosity (140 °C):			40 mPas
Penetration:		1.0 mm*10 ⁻¹	3.0 mm*10 ⁻¹
Density (23 °C):		0.80 g/cm ³	0.85 g/cm ³
			Method
			LV 12 (DGF M-III 3)
			DIN EN ISO 2114
			LV 2 (DIN EN ISO3104)
			LV 4 (DIN 51579)
			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 (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)		
Alternative delivery forms:	DEUREX® X 52 P – Powder DEUREX® X 5217 M – Micronized powder, 98% < 17 µm DEUREX® X 5201 W – Water-based emulsion of sugar cane wax		

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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