

DEUREX® X 52 G

TECHNICAL INFORMATION

Chemical description:	Bio-based sugar cane 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) 		
Properties:	<ul style="list-style-type: none"> - 100% Bio based wax (DIN EN 16640) - Compostable according to DIN EN 13432 - Dust free 		
Application:	<p>Raw material for <u>production of emulsions for paints and coatings</u></p> <ul style="list-style-type: none"> - Matting agent - Grip - Increased scratch resistance <p><u>PVC</u></p> <ul style="list-style-type: none"> - Internal and external lubricant for BIO-PVC <p><u>Masterbatch</u></p> <ul style="list-style-type: none"> - Dispersing agents for Bio-Plastics (z.B. PHA und PLA) <p><u>Printing inks</u></p> <ul style="list-style-type: none"> - Improved scratch resistance <p><u>Fertilizer industry</u></p> <ul style="list-style-type: none"> - Coating of fertilizers, natural retarding agent - Anti-caking agent <p><u>BIO Hot melts</u></p> <ul style="list-style-type: none"> - Adjustment of open time - Improved adhesion, no stringing 		
Technical data:	Colour:	Amber	
	Delivery forms:	DEUREX® X 52 G = Granules	
		Minimum	Maximum
Drop point*:	72 °C	82 °C	Method
			ASTM D 3954
Acid value:	20 mg/KOH/g	30 mg KOH/g	ASTM D 1386
Viscosity (140 °C):		60 mPas	ISO 3219
Penetration:	3.0 mm*10 ⁻¹	10.0 mm*10 ⁻¹	ASTM D 1321
Density (23 °C):	0.80 g/cm³	0.85 g/cm³	ISO 1183
<small>* Part of certificate of analysis Sugar cane waxes are natural products. Physical properties are subject to slight variations.</small>			
Approvals:	Food contact approvals		
Alternative products:	See https://www.deurex.com/productsearch/DEUREX-X-52-G/		

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.
® - registered trademark by DEUREX