

DEUREX® X 50 G

TECHNICAL INFORMATION

Chemical description:	Biodegradable dark raw sugar cane wax																										
Benefits:	The products of the DEUREX X Series provide all ecological advantages of a natural product. Due to an enormous raw material potential of some ten thousands t. p. a. there are no seasonal fluctuations and the sugar cane waxes are offered with a very attractive price performance ratio.																										
Properties:	<p>The wax has average hardness, characteristic odour and it is water repellent.</p> <p>Biodegradable and compostable according to EN 13432.</p> <p><u>Miscibility</u> The waxes of the DEUREX X Series are miscible in every ratio with natural waxes (e.g. Montanic- and Carnauba waxes) and synthetic waxes.</p>																										
Application:	<p><u>Sustainable formulations</u></p> <ul style="list-style-type: none"> - Bio based plastics, Bio based hotmelts <p><u>Construction chemicals</u></p> <ul style="list-style-type: none"> - Water repellency <p><u>Lubricants</u></p> <ul style="list-style-type: none"> - Adjustment of the viscosity <p><u>Bitumen</u></p> <ul style="list-style-type: none"> - Road construction, Asphalt <p><u>Fertilizer industry</u></p> <ul style="list-style-type: none"> - Coating of fertilizers, natural retarding agent - Alternative to synthetic polymers 																										
Technical Data:	<p>Colour: Dark amber</p> <p>Consistencies: DEUREX X 50 G = Granules</p>	<table> <tr> <th></th><th>Minimum</th><th>Maximum</th><th>Method</th></tr> <tr> <td>Drop point*:</td><td>68 °C</td><td>80 °C</td><td>LV 12 (DGF M-III 3)</td></tr> <tr> <td>Acid value*:</td><td>10 mg/KOH/g</td><td>50 mg KOH/g</td><td>DIN EN ISO 2114</td></tr> <tr> <td>Viscosity (140 °C):</td><td></td><td>40 mPas</td><td>LV 2 (DIN EN ISO3104)</td></tr> <tr> <td>Penetration:</td><td>9.0 mm*10⁻¹</td><td>13.0 mm*10⁻¹</td><td>LV 4 (DIN 51579)</td></tr> <tr> <td>Density (23 °C):</td><td>0.80 g/cm³</td><td>0.85 g/cm³</td><td>LV 3 (DIN EN ISO 1183)</td></tr> </table>			Minimum	Maximum	Method	Drop point*:	68 °C	80 °C	LV 12 (DGF M-III 3)	Acid value*:	10 mg/KOH/g	50 mg KOH/g	DIN EN ISO 2114	Viscosity (140 °C):		40 mPas	LV 2 (DIN EN ISO3104)	Penetration:	9.0 mm*10 ⁻¹	13.0 mm*10 ⁻¹	LV 4 (DIN 51579)	Density (23 °C):	0.80 g/cm³	0.85 g/cm³	LV 3 (DIN EN ISO 1183)
	Minimum	Maximum	Method																								
Drop point*:	68 °C	80 °C	LV 12 (DGF M-III 3)																								
Acid value*:	10 mg/KOH/g	50 mg KOH/g	DIN EN ISO 2114																								
Viscosity (140 °C):		40 mPas	LV 2 (DIN EN ISO3104)																								
Penetration:	9.0 mm*10 ⁻¹	13.0 mm*10 ⁻¹	LV 4 (DIN 51579)																								
Density (23 °C):	0.80 g/cm³	0.85 g/cm³	LV 3 (DIN EN ISO 1183)																								
<p>* Part of certificate of analysis Sugar cane waxes are natural products. Physical properties are subject to slight variations.</p>																											
Alternative products:	DEUREX® H 73 P – Hybrid wax based on sugar cane and carnauba 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.
® - registered trademark by DEUREX