

DEUREX[®] X 52 G

TECHNICAL INFORMATION

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|------------------------------|---|--------------------------|-------------|--|--|-----------------|----------------------------------|------------|--|--|---------|---------|--------|--------------|-------|-------|-------------|-------------|-------------|-------------|-------------|---------------------|--|---------|----------|--------------|-------------------------|--------------------------|-------------|------------------|------------------------|------------------------|----------|
| 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><u>Raw material for 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: | <table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Colour:</td> <td style="width: 30%;">Amber</td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td>Delivery forms:</td> <td>DEUREX[®] X 52 G</td> <td>= Granules</td> <td></td> </tr> <tr> <td></td> <td>Minimum</td> <td>Maximum</td> <td>Method</td> </tr> <tr> <td>Drop point*:</td> <td>72 °C</td> <td>82 °C</td> <td>ASTM D 3954</td> </tr> <tr> <td>Acid value:</td> <td>20 mg/KOH/g</td> <td>30 mg KOH/g</td> <td>ASTM D 1386</td> </tr> <tr> <td>Viscosity (140 °C):</td> <td></td> <td>60 mPas</td> <td>ISO 3219</td> </tr> <tr> <td>Penetration:</td> <td>3.0 mm*10⁻¹</td> <td>10.0 mm*10⁻¹</td> <td>ASTM D 1321</td> </tr> <tr> <td>Density (23 °C):</td> <td>0.80 g/cm³</td> <td>0.85 g/cm³</td> <td>ISO 1183</td> </tr> </table> <p><small>* Part of certificate of analysis Sugar cane waxes are natural products. Physical properties are subject to slight variations.</small></p> | Colour: | Amber | | | Delivery forms: | DEUREX[®] X 52 G | = Granules | | | Minimum | Maximum | Method | Drop point*: | 72 °C | 82 °C | 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/cm ³ | 0.85 g/cm ³ | ISO 1183 |
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| Approvals: | Food contact approvals | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alternative products: | See https://www.deurex.com/productsearch/DEUREX-X-52-G/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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