

## DEUREX® TO 19 G

### TECHNICAL INFORMATION

<b>Chemical description:</b>	Hydrophilic oil-free hard paraffin																														
<b>Benefits:</b>	<ul style="list-style-type: none"> <li>- Neutral in the formulation, hydrophilic character</li> <li>- Free of fatty acid based components</li> <li>- High flexibility</li> <li>- APEO free, PTFE free and VOC free</li> </ul>																														
<b>Application:</b>	<p><u>Form giving process, Technical Cable compounds</u></p> <ul style="list-style-type: none"> <li>- EPDM mainly</li> <li>- Sulphure and Peroxide vulcanisation, sponge compounds</li> </ul> <p><u>Plastics industry, e.g. compounds</u></p> <ul style="list-style-type: none"> <li>- Extrusion and injection molding</li> </ul> <p><u>Rubber industry</u></p> <ul style="list-style-type: none"> <li>- Ozone protection wax</li> <li>- Non blooming</li> </ul> <p><u>Production of water-based emulsions and dispersions for:</u></p> <ul style="list-style-type: none"> <li>- Textile industry (improved sewability and cutting of textiles)</li> <li>- Care products (hydrophobing, gloss)</li> <li>- Paper industry (hydrophobing, tensile strength, stability)</li> <li>- Polishes (surface improvement)</li> <li>- Leather (surface improvement, hydrophobing)</li> <li>- Anti-corrosive agent</li> </ul>																														
<b>Properties:</b>	<ul style="list-style-type: none"> <li>- UV and temperature stable</li> <li>- Light compounds, improving dispersion of mineral filler</li> <li>- Improving reology and surface lubricity in extruder</li> <li>- Improving mould flow properties</li> </ul>																														
<b>Technical data:</b>	<p>Colour: White / Light yellow</p> <p>Delivery form: <b>DEUREX® TO 19 G=</b> Granules</p> <table> <tr> <th></th><th>Minimum</th><th>Maximum</th><th>Method</th></tr> <tr> <td>Drop point*:</td><td>90 °C</td><td>98 °C</td><td>ASTM D 3954</td></tr> <tr> <td>Acid value*:</td><td>20 mgKOH/g</td><td>25 mgKOH/g</td><td>ASTM D 1386</td></tr> <tr> <td>Ash content:</td><td colspan="2">0,08 g / 100 g</td><td></td></tr> <tr> <td>Viscosity (140 °C)*:</td><td></td><td>20 mPas</td><td>ISO 3219</td></tr> <tr> <td>Penetration*(25°C):</td><td></td><td>30.00 mm*10<sup>-1</sup></td><td>ASTM D 1321</td></tr> <tr> <td>Density (23 °C):</td><td>0.85 g/cm³</td><td>0.90 g/cm³</td><td>ISO 1183</td></tr> </table> <p>* Part of certificate of analysis</p>				Minimum	Maximum	Method	Drop point*:	90 °C	98 °C	ASTM D 3954	Acid value*:	20 mgKOH/g	25 mgKOH/g	ASTM D 1386	Ash content:	0,08 g / 100 g			Viscosity (140 °C)*:		20 mPas	ISO 3219	Penetration*(25°C):		30.00 mm*10 <sup>-1</sup>	ASTM D 1321	Density (23 °C):	0.85 g/cm³	0.90 g/cm³	ISO 1183
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<b>Alternative product:</b>	See <a href="https://www.deurex.com/productsearch/DEUREX-TO-19-G/">https://www.deurex.com/productsearch/DEUREX-TO-19-G/</a>																														

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