

## DEUREX EO 41 K

### TECHNICAL INFORMATION

<b>Chemical description:</b>	Oxidized MDPE polyethylene wax																										
<b>Applications:</b>	<ul style="list-style-type: none"> <li>- PVC and other plastics</li> <li>- Rubber</li> <li>- Lubricants</li> <li>- Production of solvent based and water based emulsions</li> </ul>																										
<b>Properties:</b>	<p><u>PVC</u></p> <ul style="list-style-type: none"> <li>- Highly effective external lubrication</li> <li>- Improve lubricity</li> <li>- Release agent</li> <li>- Viscosity control</li> <li>- Reduces melt temperature and mould pressure</li> </ul> <p><u>Production of solvent based and water based emulsions</u></p> <ul style="list-style-type: none"> <li>- Very fine and transparent emulsion</li> <li>- Very good emulsifiability in water and solvents</li> <li>- Water resistance, smoothness and gloss</li> <li>- Good abrasion resistance, antiblocking and slip</li> </ul>																										
<b>Technical data:</b>	<p>Colour: Slightly yellow</p> <p>Delivery form: <b>DEUREX EO 41 K</b> = Fine Granules</p> <table> <tr> <th></th><th>Minimum</th><th>Maximum</th><th>Method</th></tr> <tr> <td>Drop point*:</td><td>99 °C</td><td>105 °C</td><td>ASTM D 3954</td></tr> <tr> <td>Acid value*:</td><td>15 mg KOH/g</td><td>19 mg KOH/g</td><td>ASTM D 1386</td></tr> <tr> <td>Viscosity (140 °C)*:</td><td>150 mPas</td><td>300 mPas</td><td>ISO 3219</td></tr> <tr> <td>Penetration:</td><td>2.0 mm*10<sup>-1</sup></td><td>5.0 mm*10<sup>-1</sup></td><td>ASTM D 1321</td></tr> <tr> <td>Density (23 °C):</td><td>0.92 g/cm³</td><td>0.94 g/cm³</td><td>ISO 1183</td></tr> </table> <p>* Part of certificate of analysis</p>				Minimum	Maximum	Method	Drop point*:	99 °C	105 °C	ASTM D 3954	Acid value*:	15 mg KOH/g	19 mg KOH/g	ASTM D 1386	Viscosity (140 °C)*:	150 mPas	300 mPas	ISO 3219	Penetration:	2.0 mm*10 <sup>-1</sup>	5.0 mm*10 <sup>-1</sup>	ASTM D 1321	Density (23 °C):	0.92 g/cm³	0.94 g/cm³	ISO 1183
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<b>Approvals:</b>	Food contact approval																										
<b>Alternative products:</b>	See <a href="https://www.deurex.com/productsearch/DEUREX-EO-41-K/">https://www.deurex.com/productsearch/DEUREX-EO-41-K/</a>																										

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