

## DEUREX® E 11 B

### TECHNICAL INFORMATION

<b>Chemical description:</b>	Non-polar, low molecular Polyethylene wax		
<b>Application:</b>	<u>Bitumen (Stone Mastic Asphalt, SMA and Asphalt Concrete, AC)</u> <ul style="list-style-type: none"> <li>- Very good heat resistance</li> <li>- Precise reduction of viscosity</li> <li>- Reduction of the processing temperature (warm mix)</li> <li>- Easier workability</li> <li>- Improvement of process reliability (reduction of vapors and aerosols)</li> <li>- Suitable for recycling of bitumen</li> <li>- Improvement of the durability of bitumen (aging, resilience)</li> <li>- Reduction of heating energy (costs)</li> <li>- Excellent price / performance ratio</li> <li>- Improvement of work safety (dust-free and lower temperatures)</li> <li>- Can be mixed homogeneously and compatible with all bitumen systems</li> <li>- Paraffin-free</li> <li>- Polymer stabilized Bitumen</li> </ul> <u>Hot melts, cable, rubber, PVC and Masterbatch</u> <ul style="list-style-type: none"> <li>- For non-transparent applications</li> </ul>		
<b>Properties:</b>	<ul style="list-style-type: none"> <li>- Technically identical to DEUREX® E 11 K</li> <li>- Dispersing agent</li> <li>- Release agent</li> <li>- Lubricant</li> <li>- Anti-caking and retarding agent</li> <li>- Shelf life 12 month</li> <li>- Dust free</li> </ul>		
<b>Technical data:</b>	Colour:	Off-white or brown	
	Delivery form:	<b>DEUREX® E 11 B</b>	= Granules
		Minimum	Maximum
	Drop point*:	100 °C	120 °C
	Acid value:		0 mg KOH/g
	Viscosity (140 °C):		80 mPas
	Penetration:	7.0 mm*10 <sup>-1</sup>	15.0 mm*10 <sup>-1</sup>
	Density (23 °C):	0.94 g/cm <sup>3</sup>	0.96 g/cm <sup>3</sup>
			Method
			ASTM D 3954
			ASTM D 1386
			ISO 3219
			ASTM D 1321
			ISO 1183
		*part of certificate of analysis	
<b>Approvals:</b>	Food contact approvals		
<b>Alternative products:</b>	See <a href="https://www.deurex.com/productsearch/DEUREX-E-11-B/">https://www.deurex.com/productsearch/DEUREX-E-11-B/</a>		

