

## DEUREX® E 11 B

### TECHNICAL INFORMATION

- Chemical description:** Non-polar, low molecular Polyethylene wax
- Application:** Bitumen (Stone Mastic Asphalt, SMA and Asphalt Concrete, AC)
- Very good heat resistance
  - Precise reduction of viscosity
  - Reduction of the processing temperature (warm mix)
  - Easier workability
  - Improvement of process reliability (reduction of vapors and aerosols)
  - Suitable for recycling of bitumen
  - Improvement of the durability of bitumen (aging, resilience)
  - Reduction of heating energy (costs)
  - Excellent price / performance ratio
  - Improvement of work safety (dust-free and lower temperatures)
  - Can be mixed homogeneously and compatible with all bitumen systems
  - Paraffin-free
  - Polymer stabilized Bitumen

Hot melts, cable, rubber, PVC and Masterbatch

- For non-transparent applications

- Properties:**
- Technically identical to DEUREX® E 11 K
  - Dispersing agent
  - Release agent
  - Lubricant
  - Anti-caking and retarding agent

**Technical data:** Colour: Off-white or brown  
Delivery form: **DEUREX® E 11 B** = Granules



	Minimum	Maximum	Method
Drop point*:	100 °C	120 °C	LV 12 (DGF M-III 3)
Acid value:		0 mgKOH/g	DIN EN ISO 2114
Viscosity (140 °C):		80 mPas	LV 2 (DIN EN ISO3104)
Penetration:	3 mm*10 <sup>-1</sup>	7 mm*10 <sup>-1</sup>	LV 4 (DIN 51579)
Density (23 °C):	0.94 g/cm <sup>3</sup>	0.96 g/cm <sup>3</sup>	LV 3 (DIN EN ISO 1183)

\*part of certificate of analysis

**Alternative delivery form:** **DEUREX® E 1101 W** – Water-borne polyethylene wax emulsion  
**DEUREX® E 11 K** – White quality

**Alternative product:** **DEUREX® T 39 B** – Fischer-Tropsch wax granules