

## WAXES FOR MASTERBATCH

**DEUREX®**  
THE WAX COMPANY

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All data are based on our current knowledge and inform about our products and their applications. There is no assurance for certain properties and their suitability for certain applications. The customer is responsible to care for the necessary safety measures and to ensure the appropriate handling of the product. Existing industrial property rights have to be considered. An objectionable quality is assured within the scope of our general terms and conditions. 01/19

**WAXES FOR MASTERBATCH**

	DEUREX® E 11	DEUREX® E 18	DEUREX® E 0920 M	DEUREX® EV 03	DEUREX® TO 81	DEUREX® X 20	DEUREX® X 52
	Low density homopolymer polyethylene wax	Low density homopolymer polyethylene wax	Micronized polyethylene wax	Copolymer polyethylene vinylacetate wax	Oxidized linear structured Fischer-Tropsch hard paraffin	Vegetable amide wax bio based EBS	Natural sugar cane wax
<b>BENEFITS</b>	<ul style="list-style-type: none"> <li>· <b>Low melt viscosity</b></li> <li>· <b>Economic bestseller</b></li> <li>· Reduction of production costs</li> </ul>	<ul style="list-style-type: none"> <li>· <b>High melt viscosity</b></li> <li>· <b>Easy processing</b></li> <li>· Allround wax</li> <li>· Wetting effect</li> </ul>	<ul style="list-style-type: none"> <li>· Micronized wax &lt; 20 µm</li> <li>· <b>Same particle size as pigments</b></li> <li>· Easy homogenisation</li> <li>· Easy processing</li> <li>· <b>Reduction of production costs</b></li> </ul>	<ul style="list-style-type: none"> <li>· Medium melt viscosity</li> <li>· <b>Excellent wetting</b></li> </ul>	<ul style="list-style-type: none"> <li>· Low melt viscosity</li> <li>· Harder than PE waxes</li> <li>· Easy processing</li> </ul>	<ul style="list-style-type: none"> <li>· <b>Higher melting point</b></li> <li>· High thermal stability</li> <li>· <b>No influence on transparency</b></li> </ul>	<ul style="list-style-type: none"> <li>· <b>Renewable resource</b></li> <li>· <b>Biodegradable</b> according to DIN EN 13432</li> <li>· Excellent lubrication</li> <li>· Easy processing</li> </ul>
			<ul style="list-style-type: none"> <li>· Finest powder &lt; 150 µm</li> <li>DEUREX® E 09 A</li> </ul>		<ul style="list-style-type: none"> <li>· Similar oxidized PE wax</li> <li>DEUREX® EO 40</li> </ul>	<ul style="list-style-type: none"> <li>· EBS wax</li> <li>DEUREX® A 20</li> </ul>	
<b>APPLICATIONS</b>	<ul style="list-style-type: none"> <li>· Price sensitive Masterbatches</li> <li>· Adjust viscosity</li> <li>· Lubricant</li> <li>· Dispersing agent</li> <li>· Stabilizing agent</li> </ul>	<ul style="list-style-type: none"> <li>· Lubricant</li> <li>· Dispersing agent</li> <li>· Stabilizing agent</li> </ul>	<ul style="list-style-type: none"> <li>· Easy mixing with all kinds of difficult to disperse pigments</li> <li>· Lubricant</li> <li>· Dispersing agent</li> <li>· Stabilizing agent</li> </ul>	<ul style="list-style-type: none"> <li>· <b>Difficult to disperse pigments</b></li> <li>· Compatible with all plastics</li> <li>· <b>Polar plastics and pigments</b></li> <li>· Lubricant</li> <li>· Dispersing agent</li> <li>· Stabilizing agent</li> </ul>	<ul style="list-style-type: none"> <li>· <b>Polar plastics</b></li> <li>· <b>Polar pigments</b></li> <li>· Compatible with all plastics</li> <li>· Lubricant</li> <li>· Dispersing agent</li> <li>· Stabilizing agent</li> </ul>	<ul style="list-style-type: none"> <li>· Engineering plastics</li> <li>· Anti-blocking agent</li> <li>· Slip agent</li> <li>· Lubricant</li> <li>· Dispersing agent</li> <li>· Release agent</li> </ul>	<ul style="list-style-type: none"> <li>· <b>Bio-Masterbatches</b></li> <li>· Polar plastics and pigments</li> </ul>

- GENERAL BENEFITS OF DEUREX® WAXES**
- Increased output of extruder production and less energy consumption
  - No tear, no wear
  - Higher color output and strength
  - Chemically inertness
  - Oil and UV resistance
  - Flexible in cold conditions
  - Weather resistance
  - Rub resistance
  - Protection against ozone



CONGEALING POINT °C	95 - 106	95 - 108	96 - 106	85 - 95	95 - 102	140 - 145	72 - 80
DROP POINT °C	110 - 120	110 - 120	110 - 120	96 - 104	104 - 114	142 - 151	78 - 82
VISCOSITY mPas	< 80	< 400	< 40	< 600	< 20	< 20	< 40
COLOUR	White (DEUREX® E 11 B = off-white for most economic products)	White	White	White	White	White	Amber

**FORMS OF DELIVERY:** Our products are available as granules (G), fine granules (K), powders (P), finest powders (A), micronized powders (M).