

## DEUREX K 6420 M

### TECHNICAL INFORMATION

<b>Chemical description:</b>	<b>PEEK coated Wax</b> Micronized Hardwax, coated with micronized high-performance polymer PEEK (Polyetheretherketone) (Eco coated)		
<b>Benefits:</b>	<ul style="list-style-type: none"> <li>- Wax surface eco coated with PEEK</li> <li>- PFAS free – PTFE alternative</li> <li>- Extreme surface hardness</li> <li>- PEEK sticks to the surface of the wax</li> </ul>		
<b>Applications:</b>	<u>Paints and coatings</u> <ul style="list-style-type: none"> <li>- Powder coatings, can coatings, furniture and parquet coatings</li> <li>- Automotive, industrial, painting and construction coatings</li> <li>- Especially for sheetfed offset inks, as well as flexographic and gravure inks</li> <li>- PEEK (Polyetheretherketone) is a high-performance thermoplastic used in very demanding technical applications</li> </ul>		
<b>Properties:</b>	<ul style="list-style-type: none"> <li>- High temperature resistance</li> <li>- Very high strength and rigidity</li> <li>- Very hard wax</li> <li>- Excellent chemical resistance</li> <li>- Excellent wear and abrasion resistance</li> <li>- Very good slip properties, high fatigue strength</li> <li>- Biocompatibility &amp; radiation resistance</li> <li>- High dielectric strength and stable insulating properties</li> <li>- Low dust behaviour, free-flowing powder</li> <li>- Good dispersibility in water, oil and solvents</li> </ul>		
<b>Technical data:</b>	Colour: White Delivery form: Micronized Powder		
	Minimum	Maximum	Method
Particle size*:		98 % < 20 µm	ISO 13320
Typical value:		50 % ~ 9 µm	
Drop point <sub>(wax)</sub> *:	130 °C	135 °C	ASTM D 3954
Density (23 °C) <sub>(wax)</sub> :	0,97 g/cm³	0,99 g/cm³	ISO 1183
Typical melting point <sub>(PEEK)</sub> :		340 °C	ISO 11357
Typical density (23 °C) <sub>(PEEK)</sub> :		1,30 g/cm³	ISO 1183
*Part of certificate of analysis			
<b>Alternative products:</b>	See <a href="https://www.deurex.com/productsearch/DEUREX-K-6420-M/">https://www.deurex.com/productsearch/DEUREX-K-6420-M/</a>		

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