

## DEUREX EO 46 P

### TECHNICAL INFORMATION

<b>Chemical description:</b>	Oxidized HDPE wax		
<b>Production process:</b>	Wet Oxidation		
<b>Applications:</b>	<u>Production of water based emulsions and dispersions for</u> <ul style="list-style-type: none"> <li>- Textile industry (improved sewability and cutting of textiles, improves machine lifetime)</li> <li>- Care products, polishes</li> <li>- Coatings and inks (e.g. overprint varnishes)</li> <li>- Leather &amp; paper industry</li> </ul>		
<b>Benefits:</b>	<ul style="list-style-type: none"> <li>- White powder, transparent melt</li> <li>- Finer particle size compared to DEUREX EO 46 K</li> <li>- For the production of very fine and transparent emulsions</li> <li>- Easier to emulsify than DEUREX EO 45 P due to higher acid value</li> </ul>		
<b>Properties:</b>	<ul style="list-style-type: none"> <li>- Improves the surface properties including scratch resistance by lowering the coefficient of friction</li> <li>- High density and high drop point</li> <li>- Excellent abrasion resistance</li> <li>- High blocking resistance and UV stability</li> <li>- Improves processing time and adhesion to substrate</li> <li>- Improves slip</li> </ul>		
<b>Technical data:</b>	Color:	Off-white	
	Delivery form:	<b>DEUREX EO 46 P</b> = Powder	
		Minimum	Maximum
	Drop point*:	132 °C	135 °C
	Acid value*:	28 mgKOH/g	32 mgKOH/g
	Penetration:		0.5 mm*10 <sup>-1</sup>
	Viscosity (140 °C)*:		2.000 mPas
	Density (23 °C):	0.97 g/cm <sup>3</sup>	0.99 g/cm <sup>3</sup>
	* Part of certificate of analysis		
<b>Approvals:</b>	Food contact approvals		
<b>Alternative products:</b>	See <a href="https://www.deurex.com/productsearch/DEUREX-EO-46-P/">https://www.deurex.com/productsearch/DEUREX-EO-46-P/</a>		

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