

DEUREX® F 61 P

TECHNICAL INFORMATION

Chemical description:	Structurant PTFE, embedded in polymers (Double coated)		
Benefits:	<ul style="list-style-type: none">- PTFE and polyolefin wax are completely embedded, like in a “wax cloud”- PTFE features dominate- The product can also be fully used as a PTFE replacement- Uniform texture at low dosages- Admixture 0.2% – 1.5%, depending on desired final properties- Easy to disperse in powder coatings		
Applications:	<u>Powder coatings</u> <ul style="list-style-type: none">- Texturing agent for hybrid systems (Polyester, Polyurethane)		
Properties:	<ul style="list-style-type: none">- Allows a wide selection of controlled textures- High abrasion resistance- High scratch resistance- Uniform surface feel- Increased lubricity by reducing of the friction coefficient- Improved temperature and solvent resistance- Recoatable without affecting the texture		
Technical data:	Colour:	White	
	Delivery form:	DEUREX® F 61 P = Powder	
		Minimum	Maximum
			Method
Drop point (wax)*:	110 °C	120 °C	LV 12 (DGF M-III 3)
Density (23 °C) (wax):	0.94 g/cm³	0.95 g/cm³	LV 3 (DIN EN ISO 1183)
Melting point (PTFE):	320 °C	340 °C	LV 5 (ASTM D4591)
Density (23 °C) (PTFE)*:	2.15 g/cm³	2.25 g/cm³	LV 3 (DIN EN ISO 1183)
Shelf life:	24 month (In closed, original containers in compliance with storage conditions)		
* Part of certificate of analysis			
Alternative delivery forms:	DEUREX® F 6008 M – Micro-sized powder with 100% PTFE DEUREX® F 62 P – Fully coated, wax completely coated with PTFE DEUREX® F 63 P – Spot coated, stoichiometrically calculated amount of PTFE DEUREX® F 64 P – Eco-coated, wax with a standard dose of PTFE DEUREX® F 6001 W – Water-based dispersion of a micro-sized PTFE		

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