

Material:	TECAFINE PE1000 natural
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Overview:

?TECAFINE PE1000 natural (PE UHMW) is an ultra-high molecular weight polyethylene thermoplastic engineering material with high impact strength, good wear/abrasion resistance, excellent chemical resistance and very good low temperature properties. PE1000 plastic is food contact approved, meeting FDA and (EU) No. 10/2011 regulations.

Description:

Main Features

- ultra high molecular weight
- very good abrasion resistance
- excellent impact strength
- very good slide and wear properties

Parameters:

Characteristics	Units	Value	Test Method
Type		PE	
Color		white opaque	
Thickness	mm	3	
Operation temperature	°C	-260 - 80	
Relative Density	g/cm ³	0.93	DIN 53479
Coefficient of Thermal Expansion	K	1.8 * 10 ⁻⁴	
Fire resistance		B2	
Tensile strength	Mpa	19	DIN EN ISO 527
Shore Hardness		60	DIN EN ISO 868

Warranty:**Technical data**

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Use of the product

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