

DATASHEET – FEP

Teflon® FEP, Neoflon FEP, Dyneon™ FEP

KEY POINTS

- Very low coefficient of friction
- Chemically inert
- Transparent/clear
- UV resistant

PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUE	UNIT
Tensile strength (23°C)	ISO 527-1/-2	30	MPa
Elongation at break	ISO 527-1/-2	300	%
Flexural modulus (23°C)	ISO 178 D 790	655	MPa
Hardness – Shore D	ISO 868 D 2240	D55	Scale D
Impact strength, notched izod	ISO 868 D 2240	No break	kJ/m ²
Melt temp	DTA-A168	263	°C
Service temp. range	/	-200 up to 205	°C
Specific density	ISO 1183 D 792	2.15	g/cm ³
Water absorption (24hr)	ISO 62	<0.01	%

APPLICATIONS

- Technical gear
- Medical processing
- Food industry
- ...



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The data above are provided purely for information and are presented as a guide to choose from our range of materials. These values are within the normal tolerance range of product properties and do not represent guaranteed property values. The actual values of the properties of a particular product may differ from the indicated values. Since the properties also depend on the dimension of the finished product.