

DATASHEET – PFA

KEY POINTS

- Creep resistant
- Flex life and stress crack resistant
- Non-wetting surface
- High thermal stability

PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUE	UNIT
Tensile strength (23°C)	ISO 527-1/-2	20-30	MPa
Elongation at break	ISO 527-1/-2	300	%
Hardness – Shore D	ISO 868	60	Scale D
Impact strength, notched izod	ISO 179-1/1eA	No break	kJ/m ²
Melt temp	ISO 11357-1/-3	307	°C
Service temp. range	/	-254 up to 260	°C
Specific density	ISO 1183-1	2.15	g/cm ³
Water absorption (24hr)	ISO 62	<0.01	%

APPLICATIONS

- Piping and fittings for aggressive chemicals
- Corrosion-resistant lining
- Gas scrubber
- Reactors
- ...



Industrieterrein Zwaarveld 65
B-9220 Hamme - Belgium

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.