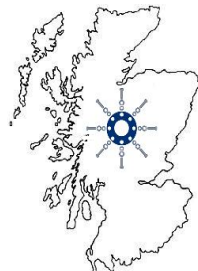


ECTFE Clear Teflon

Physical	Typical Value Unit	Test Method
Specific Gravity	1.68	ASTM D792
Water Absorption	< 0.10%	ASTM D570
Mechanical	Typical Value Unit	Test Method
Taber Abrasion Resistance (1000 cycles, 500g, CS-17 wheel)	5.00 mg	ASTM D1894
Film	Typical Value Unit	Test Method
Thickness tested	50 µm	
Secant Modulus		ASTMD882
MD	1550 MPa	
TD	1550 MPa	
Film	Typical Value Unit	Test Method
Tensile strength		ASTM D882
MD : Break	53.0 MPa	
TD : Break	53.0 MPa	
Tensile elongation		ASTM D882
MD : Break	280%	
TD : Break	280%	
Thermal	Typical Value Unit	Test Method
Brittleness temperature	-76°C	ASTM D746A
Melting temperature	242°C	DMA
Specific Heat (23°C)	962 J/kg/°C	ASTM D3418
Thermal conductivity (40°C)	0.15 W/m/K	ASTM C177

Disclaimer

Please note, failure to select the correct materials or products we supply ("the Products") may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.



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