



FIBRE GENERIC NAME	POLYESTER	POLYPROPYLENE	ARAMID	HOMOPOLYMER ACRYLIC	POLYPHENYLENE SULFIDE	PTFE	POLYIMIDE	FIBER GLASS
Trade Name (s)			Nomex® Conex	Dolonit®	PPS	Teflon Toyoflon	P84	
Specific Density g/cm ³	1.38	0.91	1.38	1.15	1.37	2.3	1.41	
Max. Continuous Operating ° C	132 °C 270°F	94°C 200°F	204°C 400°F	125°C 257°F	190°C 375°F	260°C 500°F	260°C 500°F	280°C 535°F
Max. Short Duration Temp. ° C	150°C 300°F	107°C 225°F	240°C 465°F	150°C 302°F	230°C 450°F	290°C 550°F	300°C 580°F	
CHEMICAL RESISTANCE								
Mineral Acids	Fair	Excellent	Poor	Good	Excellent	Excellent	Good	Very Good
Alkalines	Fair	Excellent	Good	Fair	Excellent	Excellent	Fair	Fair
Solvents	Good	Excellent	Fair	Very Good	Very Good	Excellent	Excellent	Very Good
Oxidizing Agents	Good	Good	Fair	Good	Poor	Excellent	Very Good	Excellent
Hydrolysis	Poor	Excellent	Good	Excellent	Excellent	Excellent	Good	Excellent