



PTFE Sheet & Rod - 25 % Carbon Filled

Physical Properties	Value	Test Method	Unit
Density	2.04 - 2.10	ASTM D792	g/cm ³
Hardness - Shore D	≥ 64	ASTM D2240	-
Tensile Strength - CD	≥ 12	ISO 12086 / ISO 527	N/mm ²
Elongation at Break - CD	≥ 50	ISO 12086 / ISO 527	%
Thermal Properties			
Service Temperature (min-max)	-200 to 260	-	°C
Thermal expansion coefficient (linear) 25 - 100°C	10 - 12	Similar to ASTM D696	10 ⁻⁵ (mm/mm)/ °C
Electrical Properties			
Volume Resistivity	10 ³	ASTM D257	Ω • cm
Surface Resistivity	10 ³	ASTM D257	Ω

