

TECHNICAL DATA SHEET

%25 CARBOGRAPHITE FILLED PTFE EXTRUDED

PHYSICAL - MECHANICAL

Properties	Unit	Method	Data-Extruded
Density	g/cm ³	ASTM D792	2,04 - 2,10
Hardness - Shore D	/	ASTM D2240	≥ 64
Tensile Strength - CD	N/mm ²	ISO 12086 ISO 527	≥ 12
Elongation at break - CD	%	ISO 12086 ISO 527	≥ 50

THERMAL

Properties	Unit	Method	Data-Extruded
Service Temperature (min - max)	°C	/	- 200 / + 260
Thermal expansion coefficient (linear) 25 - 100°C	10 ⁻⁵ (mm/mm)/ °C	Similar to ASTM D696	10 - 12

ELECTRICAL

Properties	Unit	Method	Data-Extruded
Volume Resistivity	Ω • cm	ASTM D257	10 ³
Surface Resistivity	Ω	ASTM D257	10 ³