

TECHNICAL DATA SHEET

PTFE G465

Composition: PTFE + 20% CaF₂

Properties	Unit	Method	Data - Moulded
PHYSICAL - MECHANICAL			
Density	g/cm ³	ASTM D792	2,22 - 2,18
Hardness - Shore D	/	ASTM D2240	≥ 56
Tensile Strength - CD	N/mm ²	ISO 12086 ISO 527	≥ 20
Elongation at break - CD	%	ISO 12086 ISO 527	≥ 250
TRIBOLOGICAL			
Dynamic coefficient of friction	/	ASTM D1894 ASTM D3702	0,06 - 0,08
THERMAL			
Service Temperature (min - max)	°C	/	- 200 / + 260
ELECTRICAL			
Dielectric strength (specimen 0,5 mm thick)	KV/mm	ASTM D149	≥ 20

CD=Cross Direction

The data we are herewith providing are all based on laboratory testing and are proposed to technical designers as possible and useful advice.
Deviations from the values hereabove indicated may occur, but they do not constitute themselves either detriment of quality or reason for rejection.

REV. 02 January 2012

