

Properties	Unit	Method	Moulded
PHYSICAL - MECHANICAL			
Density	g/cm ³	ASTM D792	2,20 - 2,26
Hardness - Shore D	/	ASTM D2240	≥ 60
Tensile Strength - CD	N/mm ²	ASTM D4745	≥ 14
Elongation at break - CD	%	ASTM D4745	≥ 230
Compressive strength at 1% deformation - CD	N/mm ²	ASTM D695	≥ 8
Deformation under load at room temperature 24 Hours at 13,7 N/mm ² - CD	%	ASTM D621	≤ 10
Permanent deformation as above after releasing of 24 hours at room temperature - CD	%	ASTM D621	≤ 6,5
TRIBOLOGICAL			
Dynamic coefficient of friction-PV = 0,7 N/mm ² • m	/	ASTM D3702	0,15 - 0,3
Wear factor (K) - PV = 0,7 N/mm ² • m/s	µm/h•N/mm ² • m•min	ASTM D3702	0,015 - 0,030
THERMAL			
Service Temperature (min - max)	°C	/	- 200 / + 260
Thermal expansion coefficient (linear) 25 - 100°C	10 ⁻⁵ (mm/mm)/ °C	ASTM D696	7,5 - 11
ELECTRICAL			
Volume Resistivity	Ω • cm	ASTM D256	> 10 ¹⁵
Surface Resistivity	Ω	ASTM D256	> 10 ¹⁵

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.

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