

PTFE VIRGIN + 15% CERAMIC

General properties	Test method		
Specific gravity	ASTM D792	g/cm ³	2,240 - 2,270
Tensile strength	ASTM D4894	MPa	≥ 18
Elongation	ASTM D4894	%	≥ 150
Hardness	ASTM D2240	Shore D	≥ 62
Deformation under load (14 N/mm ² for 24 hrs. at 23°C)	ASTM D621	%	10 - 12
Permanent deformation (after 24 hrs. Relaxation at 23°C)	ASTM D621	%	5 - 7
Coefficient of static friction	ASTM D1894		0,30 - 0,32
Coefficient of dynamic friction	ASTM D1894		0,28 - 0,30
Dielectric strength	ASTM D149	KV/mm	20 - 25
Volume resistivity	ASTM D257	Ohm*cm	10 ¹⁵
Service temperature		%	-200 / +260

Product characteristics

- Improved compression resistance; good dielectric characteristics.

Typical field of application

- Electrical applications for switches and insulators were good thermal berries are required.

The data stated above are average values ascertained by statistical tests on a regular basis. They are in accordance with DIN EN 15860. The data above are provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sale.