



Aluminios, Bronces, Casquillos autolubricados, Plásticos técnicos, Estratificados, etc.

PTFE VIRGIN + 15% CERAMIC

General properties	Test method		
Specific gravity	ASTM D792	g/cm3	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/mm² for 24 hrs. at 23°C)	ASTM D621	%	10 - 12
Permanent deformation (after 24 hrs. Relaxation at 23 ^a 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	1015
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.

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