


 Organizzazione con sistema
 di gestione della qualità
 certificato **ISO 9001**

 Organizzazione con sistema
 di gestione della sicurezza
 certificato **ISO 45001**

TECHNICAL DATA SHEET – PTFE

Product characteristics

- Good sliding properties
- High temperature resistant
- Excellent insulating dielectric properties

Product applications

- Gaskets
- Sealing rings
- electrical industry

	Test method	Unit	Value
Mechanical properties			
Density	ASTM D 792	g/cm ³	2,16
Elongation at break	ASTM D 4894	%	230-250
Shore hardness	ASTM D 2240	Shore D	55-61
Thermal properties			
Working temperature		°C	-200/+260
Deformation under load	ASTM D 621	%	13
Permanent deformation	ASTM D 621	%	7
Coefficient of linear thermal expansion	ASTM 696	°C ⁻¹	13 • 10 ⁻⁵
Static friction coefficient	ASTM D 1894		0.07
Dynamic friction coefficient	ASTM D 1894		0.05
Compressive stress deformation (1% deformation)	ASTM D 695	N/mm ²	5
Electrical properties			
Flame behavior	UL94		V0
Volume resistivity	ASTM D 257	Ω* cm	10 ¹⁷
Surface resistivity	ASTM D 257	Ω	10 ¹⁶
Dielectric strength	ASTM D 149	kV / mm	30-38

PLANOPLAST SRL

Via Veneto, 87
 35040 Casale di Scodosia (PD)
 P.I. 04490830280
 REA Padova PD 393921
 CAP SOC. i.v. € 50.000,00

+39 0429 69 0801
info.plano@advi-group.com
www.advi-group.com

