

Customizable Ptfе Rods For Advanced Industrial Applications

Item Number: PL-03



Introduction

High-performance PTFE solid rods for chemical-resistant, low-friction components. Ideal for lab, medical & industrial applications. Custom machining available.

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Property	Unit	Standard Value
Specific Gravity	g/cm ³	2.14-2.3
Softening Temperature	°C	317-327
Tensile Strength	MPa	13.72-34.3
Tensile Strength	kg/cm ²	280-352
Elongation	%	150-400
Compressive Strength	MPa	12kg/cm2
Impact Strength (Izod)	Kg-Cm/Cm ²	6.4mg/1000 cycles (Typo likely, consult standard)
Shore Hardness	-	D50-55
Flexural Modulus	10 ³ Kg/cm ²	3.5-6.3
Flexural Modulus	10 ³ Kg/cm ²	4.0
Dynamic Coefficient of Friction	-	0.1