

TECHNICAL DATA SHEET

40% Bronze

(60% Virgin PTFE + 40% Bronze)

Property	Method	Units	Specification
Physical			
Color	-	-	Brown
Specific gravity	ASTM D4884	g/cm ³	3.090 – 3.140
Mechanical			
Tensile strength	ASTM D4894	MPa	≥ 20
Elongation	ASTM D4894	%	≥ 200
Hardness	ASTM D2240	Shore D	≥ 65
Deformation under load (140 Kg/cm ² for 24 hrs At 23 °C)	ASTM D621	%	7 - 10
Permanent deformation (after 24 hrs. Relaxation at 23 °C)	ASTM D621	%	4 - 5
Coefficient of static friction	ASTM D1894		0.16 – 0.18
Coefficient of dynamic friction	ASTM D1894		0.14 – 0.16
Thermal			
Service Temperature		°C	-200 / +260
Electrical			
Volume resistivity	ASTM D257	Ohm.cm	10 ⁷

