



PTFE

Polytetrafluorethylene

+ 40% Bronze

TEF 600 BRONZE

- Low wear PTFE
- Resistant to mineral oil, HFC, HFD-U, HETG-biological base, acid oils and gases, cold water, hot water and steam and diluted acids and bases
- Applicable for spring assisted sealing elements

Mechanical, Physical and Thermal Properties

Properties	Value	Unit	DIN Standard
Hardness	60 ± 3	Shore D	ISO 868
Density	3.150	g/m ³	DIN 53479
Ball Indentation Hardness	≥ 39	MPa	DIN 53456 H135/30
Tensile Strength At Break	≥ 22	MPa	ASTM D 4745-79
Elongation At Break	≥ 216	%	ASTM D 4745-79
Compressive Strength	≥ 10	MPa	DIN 53455
Thermal Conductivity	4.0	kJ/m ² h ² K	DIN 52612
Thermal Coefficient Of Linear Expansion	8.5	K ⁻¹ *10 ⁻⁵	
Coefficient Of Friction	0.13	μ	
Tensile Modulus	1375	MPa	DIN 53457
Minimum Service Temperature	-200	°C	
Maximum Service Temperature	+260	°C	

