



MATERIAL SPECIFICATION (TYPICAL PROPERTIES)

PRODUCT: PTFE + 60% BRONZE

<u>Property</u>	<u>Method</u>	<u>Units</u>	<u>Specification</u>
Specific gravity	ASTM D792	-	3,900 – 3,980
Tensile strenght	ASTM D4894	MPa	17 - 22
Elongation	ASTM D4894	%	180 - 220
Deformation under load (14N/mm ² , 24 h at 23° C.)	ASTM D621	%	6 - 7
Permanent deformation (after 24 hrs. Relaxation at 23° C)	ASTM D695	%	2 - 3
Hardness	ASTM D2240	Shore D	65 - 70
Service Temperature		C°	-200 / +260

Properties:

Excellent wear and compression resistance (low cold creep), good thermal conductivity. Improved coefficient of friction when combined with Mos2 or graphite.

All technical information and advice are based on our experience and are to the best of our knowledge, but do not state any liability by our company. Specifications and values must always be checked by the customers, for they are the only ones that can judge the efficiency of a product taking into account all of the one site operating conditions.