



## TECHNICAL DATA SHEET FOR MAX-15 40% VIRGIN PTFE, 60% Bronze

### PHYSICAL PROPERTIES

Low Flow Polytetrafluoroethylene (nff)

Test Method	Properties	Units	Typical Value
ASTM 4745-14	Tensile	PSI	1800 min
ASTM 4745-14	Elongation	%	50 Min
ASTM D2240-15	Shore Hardness	D	65-80
ASTM D792-08	Specific Gravity	G/CC	3.850-4.154
	Linear Expansion	(/°CZX1 <sup>-5</sup> )	12
	Continuous Service	500°F	

Bronze boasts excellent wear resistance and thermal conductivity. Bronze-filled PTFE has higher friction than other filled PTFE compounds but that can be improved by adding moly or graphite as necessary. Slide plates, bearing and piston ring applications use compounds containing 55% bronze – 5% moly. When compounded with PTFE bronze is blended between 40 and 50%.

The above information is, to the best of our knowledge, true and accurate. No warranty, expressed or implied, is made or intended. The use of this product should be determined by the user, based on their appraisal.

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