

GEM-FLOW

Compounded PTFE Materials

TECHNICAL DATA SHEET 85% Virgin PTFE, 15% Glass

PHYSICAL PROPERTIES

Product Code: GF1005

Low Flow Polytetrafluoroethylene (nff)

Test Method	Properties	Units	Typical Value
ASTM 4745-14	Tensile	PSI	2840 min.
ASTM 4745-14	Elongation	%	220 min.
-	Shore Hardness	-	-
ASTM D792-08	Specific Gravity	G/CC	2.150-2.250

Fiber glass is by far the most used filler for PTFE. Glass fiber is typically blended with PTFE at 5%-40% depending on customer specs. Blending glass with PTFE gives it the ability to lower creep, boost wear resistance, and give the material an overall higher compressive strength.

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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