

GEM-FLOW

Compounded PTFE Materials

TECHNICAL DATA SHEET

75% Virgin PTFE, 25% Glass (Maroon)

PHYSICAL PROPERTIES

Product Code: GF1011

Low Flow Polytetrafluoroethylene (nff)

| Test Method | Properties | Units | Typical Value |
|--------------|------------------|-------|---------------|
| ASTM 4745-14 | Tensile | PSI | 2270 min. |
| ASTM 4745-14 | Elongation | % | 180 min. |
| GEMINI | Shore Hardness | D | 59-65 |
| 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.

GF 1011 MEETS AMS3678

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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