

# GEM-FLOW

Compounded PTFE Materials

## TECHNICAL DATA SHEET

### 85% Virgin PTFE, 15% Mineral

#### PHYSICAL PROPERTIES

Product Code: GF1130

Low Flow Polytetrafluoroethylene (nff)

FDA, RoHs, and REACH Compliant

Test Method	Properties	Units	Typical Value
ASTM 4745-14	Tensile	PSI	3100 min.
ASTM 4745-14	Elongation	%	250 min.
ASTM D2240-15	Shore Hardness	D	59-63
ASTM D792-08	Specific Gravity	G/CC	2.190
OPERATING TEMPS	Degrees	°F	-350°F to 500°F

Mineral or calcium silicate is a white insoluble solid filler for PTFE. Mineral is typically blended with PTFE at 5%-20% depending on customer specs. Blending Mineral with PTFE gives it the ability to lower creep, boost chemical resistance, and give the material an excellent 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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