

# Fluoroplex F 15 - GMF

Polytetrafluoroethylene

UNIFLON

## Message:

Fluoroplex F 15-GMF is a polytetrafluoroethylene (PTFE) product, which contains a 15% glass fiber reinforced material. It can be processed by sintering or injection molding and is available in North America or Latin America.

General Information	
Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight
Features	Good liquidity
Processing Method	Sintering Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.19 - 2.23	g/cm <sup>3</sup>	Internal method
Contractility-Sintering	1.0 - 2.0	%	Internal method
Sintering Temperature - Maximum	365	°C	

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	60 - 63		Internal method

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	18.4	MPa	Internal method
Tensile Elongation (Break)	180	%	Internal method

Additional Information	Nominal Value	Unit
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Code: 010024302

Injection	Nominal Value	Unit
Mold Temperature	21.0 - 25.0	°C
Injection Pressure	44.1 - 53.9	MPa

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## Recommended distributors for this material

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