

Fluoroplex GF 515 - GML

Polytetrafluoroethylene

UNIFLON

Message:

Fluoroplex GF 515-GML is a polytetrafluoroethylene (PTFE) product, which contains 15% glass fiber reinforced materials and 5.0% graphite powder. It can be processed by sintering or injection molding and is available in North America or Latin America.

General Information	
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Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight Graphite powder, 5.0% filler by weight
Features	Low liquidity
Processing Method	Sintering Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.20 - 2.24	g/cm ³	Internal method
Contractility-Sintering	0.90 - 1.9	%	Internal method
Sintering Temperature - Maximum	365	°C	

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	61 - 66		Internal method

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	19.0	MPa	Internal method
Tensile Elongation (Break)	160	%	Internal method

Additional Information	Nominal Value	Unit
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Code: 010019801

Injection	Nominal Value	Unit
Mold Temperature	21.0 - 25.0	°C
Injection Pressure	49.0 - 58.8	MPa

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Recommended distributors for this material

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