

Fluoroplex X 50 - GML

Polytetrafluoroethylene

UNIFLON

Message:

Fluoroplex X 50-GML is a polytetrafluoroethylene (PTFE) product, which contains 50% stainless steel powder filler. It can be processed by sintering or injection molding and is available in North America or Latin America.

General Information			
Filler / Reinforcement	Stainless steel powder filler, 50% filler by weight		
Features	Low liquidity		
Processing Method	Sintering		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	3.30 - 3.40	g/cm ³	Internal method
Contractility-Sintering	1.1 - 2.1	%	Internal method
Sintering Temperature - Maximum	365	°C	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	68 - 73		Internal method
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	21.0	MPa	Internal method
Tensile Elongation (Break)	160	%	Internal method
Additional Information	Nominal Value	Unit	
Code: 010004101			
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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