

Fluoroplex I 10 - GML

Polytetrafluoroethylene

UNIFLON

Message:

Fluoroplex I 10-GML is a polytetrafluoroethylene (PTFE) product that contains a 10% polyimide filler. It can be processed by sintering or injection molding and is available in North America or Latin America.

General Information			
Filler / Reinforcement	Polyimide, 10% filler by weight		
Features	Low liquidity		
Processing Method	Sintering		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.97 - 2.05	g/cm ³	Internal method
Contractility-Sintering	2.0 - 3.0	%	Internal method
Sintering Temperature - Maximum	360	°C	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	59 - 64		Internal method
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	22.0	MPa	Internal method
Tensile Elongation (Break)	180	%	Internal method
Additional Information	Nominal Value	Unit	
Code: 010034901			
Injection	Nominal Value	Unit	
Mold Temperature	21.0 - 25.0	°C	
Injection Pressure	34.3 - 44.1	MPa	

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Recommended distributors for this material

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