

Fluoroplex R 25 - GML

Polytetrafluoroethylene

UNIFLON

Message:

Fluoroplex R 25-GML is a polytetrafluoroethylene (PTFE) product with a filler of 25% carbon \graphite. It can be processed by sintering or injection molding and is available in North America or Latin America.

General Information			
Filler / Reinforcement	Carbon \graphite, 25% filler by weight		
Features	Low liquidity		
Processing Method	Sintering		
	Injection molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.11 - 2.14	g/cm ³	Internal method
Contractility-Sintering	1.9 - 2.9	%	Internal method
Sintering Temperature - Maximum	365	°C	

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	63 - 68		Internal method

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	23.0	MPa	Internal method
Tensile Elongation (Break)	210	%	Internal method

Additional Information	Nominal Value	Unit
Code: 010002901		

Injection	Nominal Value	Unit
Mold Temperature	21.0 - 25.0	°C
Injection Pressure	39.2 - 49.0	MPa

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Recommended distributors for this material

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