

Fluoroplex R 25 - GMA

Polytetrafluoroethylene

UNIFLON

Message:

Fluoroplex R 25-GMA 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	Good liquidity		
Processing Method	Sintering		
	Injection molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.11 - 2.14	g/cm ³	Internal method
Apparent Density	0.60 - 0.70	g/cm ³	Internal method
Particle size distribution-d50	620.0 - 720.0	μm	Internal method
Contractility-Sintering	1.5 - 2.5	%	Internal method
Sintering Temperature - Maximum	365	°C	
Flow time-50 grams	2.7 - 3.3	sec	Internal method

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

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	21.0	MPa	Internal method
Tensile Elongation (Break)	170	%	Internal method

Additional Information	Nominal Value	Unit	Test Method
Code: 010013902			

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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