

Fluoroplex F 25 - GMP

Polytetrafluoroethylene

UNIFLON

Message:

Fluoroplex F 25-GMP is a polytetrafluoroethylene (PTFE) product, which contains a 25% glass fiber reinforced material. It can be processed by sintering or injection molding and is available in North America or Latin America.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Features	Good liquidity		
Processing Method	Sintering		
	Injection molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.23 - 2.27	g/cm ³	Internal method
Apparent Density	0.61 - 0.73	g/cm ³	Internal method
Particle size distribution-d50	394.0 - 654.0	μm	Internal method
Contractility-Sintering	0.50 - 1.5	%	Internal method
Sintering Temperature - Maximum	365	°C	
Flow time-50 grams	2.0 - 4.0	sec	Internal method

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	61 - 68		Internal method

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	15.0	MPa	Internal method
Tensile Elongation (Break)	150	%	Internal method

Additional Information	Nominal Value	Unit	Test Method
Code: 010001602			

Injection	Nominal Value	Unit
Mold Temperature	21.0 - 25.0	°C
Injection Pressure	53.9 - 63.7	MPa

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Recommended distributors for this material

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