

Fluoroplex B 40 - GMA

Polytetrafluoroethylene

UNIFLON

Message:

Fluoroplex B 40-GMA is a polytetrafluoroethylene (PTFE) product, which contains 40% bronze filler. It can be processed by sintering or injection molding and is available in North America or Latin America.

General Information			
Filler / Reinforcement	Bronze filler, 40% filler by weight		
Features	Good liquidity		
Processing Method	Sintering		
	Injection molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	3.06 - 3.12	g/cm ³	Internal method
Apparent Density	0.90 - 1.10	g/cm ³	Internal method
Particle size distribution-d50	600.0 - 700.0	μm	Internal method
Contractility-Sintering	1.4 - 2.4	%	Internal method
Sintering Temperature - Maximum	365	°C	
Flow time-50 grams	1.3 - 2.3	sec	Internal method

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65 - 70		Internal method

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	23.0	MPa	Internal method
Tensile Elongation (Break)	180	%	Internal method

Additional Information	Nominal Value	Unit	Test Method
Code: 010014002			

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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