

# Fluoroplex B 60 - GMA

Polytetrafluoroethylene

UNIFLON

## Message:

Fluoroplex B 60-GMA is a polytetrafluoroethylene (PTFE) product, which contains 60% 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, 60% filler by weight		
Features	Good liquidity		
Processing Method	Sintering		
	Injection molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	3.80 - 4.00	g/cm <sup>3</sup>	Internal method
Apparent Density	1.15 - 1.35	g/cm <sup>3</sup>	Internal method
Particle size distribution-d50	600.0 - 700.0	μm	Internal method
Contractility-Sintering	0.90 - 1.9	%	Internal method
Sintering Temperature - Maximum	365	°C	
Flow time-50 grams	1.2 - 2.2	sec	Internal method

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	69 - 74		Internal method

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	20.0	MPa	Internal method
Tensile Elongation (Break)	85	%	Internal method

Additional Information	Nominal Value	Unit	Test Method
Code: 010003602			

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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