

# Fluoroplex APA - GMP

Polytetrafluoroethylene

UNIFLON

## Message:

Fluoroplex APA-GMP is a polytetrafluoroethylene (PTFE) product. It can be processed by sintering or injection molding and is available in North America or Latin America.

General Information			
Additive	Unspecified additive		
Features	Good liquidity		
Processing Method	Sintering		
	Injection molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.06 - 2.10	g/cm <sup>3</sup>	Internal method
Apparent Density	0.53 - 0.63	g/cm <sup>3</sup>	Internal method
Particle size distribution-d50	443.0 - 743.0	μm	Internal method
Contractility-Sintering	1.9 - 2.9	%	Internal method
Sintering Temperature - Maximum	365	°C	
Flow time-50 grams	2.8 - 4.8	sec	Internal method

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	58 - 64		Internal method

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	16.0	MPa	Internal method
Tensile Elongation (Break)	300	%	Internal method

Additional Information	Nominal Value	Unit	Test Method
Code: 010034502			

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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