

Fluoroplex COMP 401 - GMP

Polytetrafluoroethylene

UNIFLON

Message:

Fluoroplex COMP 401-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	3.12 - 3.18	g/cm ³	Internal method
Apparent Density	0.84 - 0.94	g/cm ³	Internal method
Particle size distribution-d50	469.0 - 729.0	μm	Internal method
Contractility-Sintering	1.0 - 2.0	%	Internal method
Sintering Temperature - Maximum	360	°C	
Flow time-50 grams	1.0 - 3.0	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	22.5	MPa	Internal method
Tensile Elongation (Break)	180	%	Internal method

Additional Information	Nominal Value	Unit	Test Method
Code: 010034202			

Injection	Nominal Value	Unit
Mold Temperature	21.0 - 25.0	°C
Injection Pressure	58.8 - 68.6	MPa

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Recommended distributors for this material

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