

Supering RP 520 - GMP

Polytetrafluoroethylene

UNIFLON

Message:

Supering RP 520-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	1.91 - 1.97	g/cm ³	Internal method
Apparent Density	0.50 - 0.60	g/cm ³	Internal method
Particle size distribution-d50	453.0 - 713.0	μm	Internal method
Contractility-Sintering	0.50 - 1.5	%	Internal method
Sintering Temperature - Maximum	360	°C	
Flow time-50 grams	3.5 - 4.5	sec	Internal method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	64 - 69		Internal method
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	12.0	MPa	Internal method
Tensile Elongation (Break)	70	%	Internal method
Additional Information	Nominal Value	Unit	Test Method
Code: 010020102			
Injection	Nominal Value	Unit	
Mold Temperature	21.0 - 25.0	°C	
Injection Pressure	63.7 - 73.5	MPa	

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Recommended distributors for this material

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