

# Uniflon GM 530

Polytetrafluoroethylene

UNIFLON

## Message:

Uniflon GM 530 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			
Features	Good liquidity		
Processing Method	Sintering Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.14 - 2.20	g/cm <sup>3</sup>	Internal method
Apparent Density	0.55 - 0.95	g/cm <sup>3</sup>	Internal method
Particle size distribution-d50	370.0 - 630.0	μm	Internal method
Contractility-Sintering	2.0 - 4.0	%	Internal method
Sintering Temperature - Maximum	375	°C	
Flow time-50 grams	1.5 - 3.0	sec	Internal method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	55 - 65		Internal method
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	27.0	MPa	Internal method
Tensile Elongation (Break)	230	%	Internal method
Additional Information	Nominal Value	Unit	Test Method
Code: 010000202			
Injection	Nominal Value	Unit	
Mold Temperature	21.0 - 25.0	°C	
Injection Pressure	14.7 - 29.4	MPa	

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## Recommended distributors for this material

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