

Fluoroplex CG 25 - GMP

Polytetrafluoroethylene

UNIFLON

Message:

Fluoroplex CG 25-GMP is a polytetrafluoroethylene (PTFE) product with a filler of 25% coke\graphite. It can be processed by sintering or injection molding and is available in North America or Latin America.

General Information	
Filler / Reinforcement	Coke\Graphite, 25% filler by weight
Features	Good liquidity
Processing Method	Sintering Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.06 - 2.13	g/cm ³	Internal method
Apparent Density	0.55 - 0.65	g/cm ³	Internal method
Particle size distribution-d50	445.0 - 705.0	μm	Internal method
Contractility-Sintering	0.90 - 1.9	%	Internal method
Sintering Temperature - Maximum	365	°C	
Flow time-50 grams	2.0 - 4.0	sec	Internal method

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	64 - 72		Internal method

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	18.0	MPa	Internal method
Tensile Elongation (Break)	50	%	Internal method

Additional Information	Nominal Value	Unit	Test Method
Code: 010002602			

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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