

Fluoroplex MF 515 - GMP

Polytetrafluoroethylene

UNIFLON

Message:

Fluoroplex MF 515-GMP is a polytetrafluoroethylene (PTFE) product, which contains a 15% glass fiber reinforced material. It can be processed by sintering or injection molding and is available in North America or Latin America. The main characteristics are: lubrication.

General Information	
Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight
Additive	Molybdenum disulfide lubricant (5%)
Features	Good liquidity
Processing Method	Sintering Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.24 - 2.28	g/cm ³	Internal method
Apparent Density	0.61 - 0.71	g/cm ³	Internal method
Particle size distribution-d50	461.0 - 721.0	μm	Internal method
Contractility-Sintering	1.0 - 2.1	%	Internal method
Sintering Temperature - Maximum	360	°C	
Flow time-50 grams	2.3 - 3.3	sec	Internal method

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	63 - 69		Internal method

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	19.5	MPa	Internal method
Tensile Elongation (Break)	170	%	Internal method

Additional Information	Nominal Value	Unit	Test Method
------------------------	---------------	------	-------------

Code: 010030302

Injection	Nominal Value	Unit
Mold Temperature	21.0 - 25.0	°C
Injection Pressure	49.0 - 58.8	MPa

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

