

# Fluoroplex MF 515 - GML

Polytetrafluoroethylene

UNIFLON

## Message:

Fluoroplex MF 515-GML 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	Low liquidity
Processing Method	Sintering Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.24 - 2.28	g/cm <sup>3</sup>	Internal method
Contractility-Sintering	1.2 - 2.4	%	Internal method
Sintering Temperature - Maximum	360	°C	

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	61 - 69		Internal method

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	22.0	MPa	Internal method
Tensile Elongation (Break)	200	%	Internal method

Additional Information	Nominal Value	Unit
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Code: 010002101

Injection	Nominal Value	Unit
Mold Temperature	21.0 - 25.0	°C
Injection Pressure	44.1 - 53.9	MPa

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## 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



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