

Flontech® FT-GL15-M3-3

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

15% glass fiber + 3% MoS2 + 82% virgin PTFE

General Information	
Filler / Reinforcement	Glass Fiber, 15% Filler by Weight
Additive	Molybdenum Disulfide Lubricant (3%)
Features	Lubricated
	Medium Flow

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.27	g/cm ³	ASTM D4894
Apparent Density	0.70	g/cm ³	ASTM D4894
Average Particle Size	750	µm	Internal Method
Shrinkage - Diametric	2.1	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	36		ASTM D785
Durometer Hardness (Shore D)	59		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	22.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	240	%	ASTM D4894

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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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