

Flontech® FT-GL15-M3-6

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	High Flow Lubricated

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.27	g/cm ³	ASTM D4894
Apparent Density	0.74	g/cm ³	ASTM D4894
Average Particle Size	800	µm	Internal Method
Shrinkage - Diametric	2.0	%	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)	21.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	220	%	ASTM D4894

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