

Flontech® FT-GL5-M5-6

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

5% glass fiber + 5% MoS2 + 90% virgin PTFE

General Information	
Filler / Reinforcement	Bronze,40% Filler by Weight
Additive	Molybdenum Disulfide Lubricant (5%)
Features	High Flow Lubricated

Physical	Nominal Value	Unit	Test Method
Specific Gravity	3.18	g/cm ³	ASTM D4894
Apparent Density	0.95	g/cm ³	ASTM D4894
Average Particle Size	800	µm	Internal Method
Shrinkage - Diametric	1.8	%	Internal Method

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	38		ASTM D785
Durometer Hardness (Shore D)	63		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)	200	%	ASTM D4894

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