

Flontech® FT-GL20-GR5-1

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

20% glass fiber + 5% graphite + 75% virgin PTFE

General Information			
Filler / Reinforcement		Glass Fiber,20% Filler by Weight	
		Graphite Fiber,5.0% Filler by Weight	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.23	g/cm ³	ASTM D4894
Apparent Density	0.45	g/cm ³	ASTM D4894
Shrinkage - Diametric	1.5	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	33		ASTM D785
Durometer Hardness (Shore D)	58		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	20.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	240	%	ASTM D4894

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Recommended distributors for this material

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