

Flontech® FT-BRR25-CF10-M5-1

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

25% bronze + 10 carbon fiber + 5% moly + 60% virgin PTFE

General Information			
Filler / Reinforcement	Bronze,25% Filler by Weight		
	Carbon Fiber,10% Filler by Weight		
Additive	Molybdenum Disulfide Lubricant (5%)		
Features	Lubricated		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.64	g/cm ³	ASTM D4894
Apparent Density	0.70	g/cm ³	ASTM D4894
Shrinkage - Diametric	2.0	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	38		ASTM D785
Durometer Hardness (Shore D)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	24.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	250	%	ASTM D4894

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