

Flontech® FT-BRR55-M5-6

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

55% bronze + 5% Moly + 40% virgin PTFE

General Information	
Filler / Reinforcement	Bronze,55% Filler by Weight
Additive	Molybdenum Disulfide Lubricant (5 ppm)
Features	High Flow
	Lubricated

Physical	Nominal Value	Unit	Test Method
Specific Gravity	3.80	g/cm ³	ASTM D4894
Apparent Density	1.30	g/cm ³	ASTM D4894
Average Particle Size	480	µm	Internal Method
Shrinkage - Diametric	1.3	%	Internal Method

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	45		ASTM D785
Durometer Hardness (Shore D)	68		ASTM D2240

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	17.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	70	%	ASTM D4894

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