

Flontech® FT-PPS15-CARR10-M2-2

Polytetrafluoroethylene + PPS

Guarniflon S.p.A. - Flontech Division

Message:

15% polyphenylene sulphide + 10% soft carbon + 2% moly + 73% virgin PTFE

General Information			
Filler / Reinforcement	Carbon Fiber,10% Filler by Weight		
Additive	Molybdenum Disulfide Lubricant (2%)		
Features	Low Flow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.88	g/cm ³	ASTM D4894
Apparent Density	0.56	g/cm ³	ASTM D4894
Shrinkage - Diametric	3.2	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	35		ASTM D785
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	16.5	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	160	%	ASTM D4894

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