

Flontech® FT-CF15-6

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

15% carbon fiber + 85% virgin PTFE

General Information			
Filler / Reinforcement	Glass Fiber, 15% Filler by Weight		
Features	High Flow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.05	g/cm ³	ASTM D4894
Apparent Density	0.65	g/cm ³	ASTM D4894
Average Particle Size	730	µm	Internal Method
Shrinkage - Diametric	1.6	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	38		ASTM D785
Durometer Hardness (Shore D)	61		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)	170	%	ASTM D4894

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