

Flontech® FT-CARR10-FM-6

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

10% electrographitized carbon + 90% modified PTFE

General Information			
Filler / Reinforcement	Graphite Fiber, 10% Filler by Weight		
Features	High Flow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.15	g/cm ³	ASTM D4894
Apparent Density	0.70	g/cm ³	ASTM D4894
Average Particle Size	700	µm	Internal Method
Shrinkage - Diametric	3.5	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	37		ASTM D785
Durometer Hardness (Shore D)	58		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	15.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	300	%	ASTM D4894

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