

Flontech® FT-CAR33-GR2-6

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

33% hard carbon + 2% graphite + 65% virgin PTFE

General Information			
Filler / Reinforcement	Carbon Fiber,33% Filler by Weight		
	Graphite Fiber,2.0% Filler by Weight		
Features	High Flow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.03	g/cm ³	ASTM D4894
Apparent Density	0.68	g/cm ³	ASTM D4894
Average Particle Size	700	µm	Internal Method
Shrinkage - Diametric	1.4	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	39		ASTM D785
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	12.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	30	%	ASTM D4894

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