

Flontech® FT-CAR9-GR1-1

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

9% hard carbon + 1% graphite + 90% virgin PTFE

General Information			
Filler / Reinforcement		Carbon Fiber,9.0% Filler by Weight Graphite Fiber,1.0% Filler by Weight	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.14	g/cm ³	ASTM D4894
Apparent Density	0.44	g/cm ³	ASTM D4894
Shrinkage - Diametric	2.5	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	35		ASTM D785
Durometer Hardness (Shore D)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	25.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	260	%	ASTM D4894

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Recommended distributors for this material

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