

Flontech® FT-CAR13-GR2-1

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

13% hard carbon + 2% graphite + 85% virgin PTFE

General Information			
Filler / Reinforcement		Carbon Fiber,13% Filler by Weight	
		Graphite Fiber,2.0% Filler by Weight	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.15	g/cm ³	ASTM D4894
Apparent Density	0.42	g/cm ³	ASTM D4894
Shrinkage - Diametric	2.1	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	37		ASTM D785
Durometer Hardness (Shore D)	59		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	23.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	220	%	ASTM D4894

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Recommended distributors for this material

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