

# Flontech® FT-CARR15-6

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

15% soft carbon + 85% virgin PTFE

General Information			
Filler / Reinforcement	Carbon Fiber, 15% Filler by Weight		
Features	High Flow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.13	g/cm <sup>3</sup>	ASTM D4894
Apparent Density	0.70	g/cm <sup>3</sup>	ASTM D4894
Average Particle Size	700	µm	Internal Method
Shrinkage - Diametric	2.7	%	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)	21.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	200	%	ASTM D4894

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## Recommended distributors for this material

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