

# Flontech® FT-CF25-1

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

## Message:

25% carbon fiber + 75% virgin PTFE

General Information			
Filler / Reinforcement	Carbon Fiber,25% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.03	g/cm <sup>3</sup>	ASTM D4894
Apparent Density	0.42	g/cm <sup>3</sup>	ASTM D4894
Shrinkage - Diametric	1.6	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	48		ASTM D785
Durometer Hardness (Shore D)	65		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)	170	%	ASTM D4894

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## Recommended distributors for this material

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