

# Flontech® FT-COND-3

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

## Message:

1,5% conductive carbon + 98,5% virgin PTFE

General Information			
Filler / Reinforcement	Carbon Fiber, 1.5% Filler by Weight		
Features	Medium Flow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.14	g/cm <sup>3</sup>	ASTM D4894
Apparent Density	0.58	g/cm <sup>3</sup>	ASTM D4894
Average Particle Size	700	µm	Internal Method
Shrinkage - Diametric	3.3	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	30		ASTM D785
Durometer Hardness (Shore D)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	28.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	270	%	ASTM D4894

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## Recommended distributors for this material

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