

# Flontech® FT-STST50-3

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

50% stainless steel + 50% virgin PTFE

General Information			
Filler / Reinforcement	Stainless Steel Fiber,50% Filler by Weight		
Features	Medium Flow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	3.29	g/cm <sup>3</sup>	ASTM D4894
Apparent Density	1.09	g/cm <sup>3</sup>	ASTM D4894
Average Particle Size	740	µm	Internal Method
Shrinkage - Diametric	1.6	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	43		ASTM D785
Durometer Hardness (Shore D)	62		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	20.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	180	%	ASTM D4894

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## Recommended distributors for this material

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