

# Flontech® FT-PI15-3

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

15% polyimide + 85% virgin PTFE

General Information			
Filler / Reinforcement	Polyimide, 15% Filler by Weight		
Features	Medium Flow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.96	g/cm <sup>3</sup>	ASTM D4894
Apparent Density	0.60	g/cm <sup>3</sup>	ASTM D4894
Average Particle Size	650	µm	Internal Method
Shrinkage - Diametric	3.3	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	30		ASTM D785
Durometer Hardness (Shore D)	59		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	18.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	210	%	ASTM D4894

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## Recommended distributors for this material

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