

# Flontech® FT-1-1E

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

100% virgin PTFE

General Information			
Forms	Granules		
Processing Method	Compounding Compression Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.16	g/cm <sup>3</sup>	ASTM D4894
Apparent Density	0.47	g/cm <sup>3</sup>	ASTM D4894
Average Particle Size	180	µm	Internal Method
Shrinkage - Diametric	2.5	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	29		ASTM D785
Durometer Hardness (Shore D)	54		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)	240	%	ASTM D4894

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## Recommended distributors for this material

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