

Flontech® FT-CF10-3

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

10% carbon fiber + 90% virgin PTFE

General Information			
Filler / Reinforcement	Carbon Fiber, 10% Filler by Weight		
Features	Medium Flow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.08	g/cm ³	ASTM D4894
Apparent Density	0.67	g/cm ³	ASTM D4894
Average Particle Size	700	µm	Internal Method
Shrinkage - Diametric	1.8	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	37		ASTM D785
Durometer Hardness (Shore D)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	22.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	180	%	ASTM D4894

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Recommended distributors for this material

Susheng Import & Export Trading Co., Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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