

# Flontech® FT-CARR15-1

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

## Message:

15% soft carbon + 85% virgin PTFE

General Information			
Filler / Reinforcement	Carbon Fiber, 15% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.13	g/cm <sup>3</sup>	ASTM D4894
Apparent Density	0.44	g/cm <sup>3</sup>	ASTM D4894
Shrinkage - Diametric	2.8	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	35		ASTM D785
Durometer Hardness (Shore D)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	25.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	240	%	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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