

Flontech® FT-CAR23-GR2-3

Polytetrafluoroethylene

Guarniflon S.p.A. - Flontech Division

Message:

23% hard carbon +2% graphite + 75% virgin PTFE

General Information			
Filler / Reinforcement	Carbon Fiber,23% Filler by Weight		
	Graphite Fiber,2.0% Filler by Weight		
Features	Medium Flow		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.06	g/cm ³	ASTM D4894
Apparent Density	0.60	g/cm ³	ASTM D4894
Average Particle Size	750	µm	Internal Method
Shrinkage - Diametric	1.7	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	36		ASTM D785
Durometer Hardness (Shore D)	61		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength - Across Flow (1.00 mm)	17.0	MPa	ASTM D4894
Tensile Elongation - Across Flow (Break, 1.00 mm)	70	%	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

