TECHNICAL DATA SHEET



CMG - 115 Compression Molding Grade

Composition by Weight % and Filler Description 100% Compression Molding Grade Virgin PTFE

MECHANICAL PROPERTIES	TEST METHOD	UNITS	SPECIFICATION
Specific Gravity	ASTM D 4894	~	2.16 ± 0.02
Tensile Strength*	ASTM D 4894	Мра	MIN 30
Elongation*	ASTM D 4894	%	MIN 320
Bulk Density	ASTM D 4894	g/l	MIN 500
Hardness	ASTM D 2240	Shore D	58 ± 4
Diametric Shrinkage	ASTM D 4894	%	2.5+/- 0.5
Diaelectric	ASTM D4894	(V / 0.1 mn	120
Average Particle Size	Poly-Smith	μm	115

* cross direction

Recommended Molding Pressure	25 Mpa		
Max Sintering Temperature	370 °C		

General Application: This grade can be used to fabricate | but not limited to billets, film and sheet.

When molded into a billet, CMG-Fine can be skeived to 1mil or greater film thickness.

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