



TECHNICAL DATA SHEET

CMG-1 - 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	Mpa	MIN 30
Elongation*	ASTM D 4894	%	MIN 300
Bulk Density	ASTM D 4894	g/l	MIN 500
Hardness	ASTM D 2240	Shore D	58 ± 4
Diametric Shrinkage	ASTM D 4894	%	3.0 +/- 0.5
Flow	Poly-Smith	Sec/50 g	-
Average Particle Size	Poly-Smith	µm	150

* cross direction

Recommended Molding Pressure	30 - 35 Mpa
Max Sintering Temperature	370 °C

General Application:

This grade can be used in moulds to fabricate parts including, but not limited to, seals, bearings, rings, film, and sheet.

DISCLAIMER: the information in this Safety Data Sheet is believed to be correct as of the date issued. No warranties, expressed or implied, including but not limited to, any implied warranty or merchantability or fitness for a particular purpose or course of performance or usage of trade.