



TECHNICAL DATA SHEET

CMG-2 - 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 26
Elongation*	ASTM D 4894	%	MIN 250
Bulk Density	ASTM D 4894	g/l	500
Hardness	ASTM D 2240	Shore D	58 ± 3
Diametric Shrinkage	ASTM D 4894	%	3.0 +/- 1.0
Flow	Poly-Smith	Sec/50 g	-
Average Particle Size	Poly-Smith	µm	120

* 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.

Safety

This product is a fluoropolymer so normal precautions should be followed.

Technical Information

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. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use or application and shall not establish a legally valid contractual relationship.