



TECHNICAL DATA SHEET

MOD FF - Modified Free Flow PTFE

Composition by Weight % and Filler Description

100% Modified Virgin PTFE

PROPERTIES	TEST METHOD	UNITS	SPECIFICATION
Specific Gravity	ASTM D 4894	~	2.16 ± 0.03
Tensile Strength*	ASTM D 4894	Mpa	MIN 28
Elongation*	ASTM D 4894	%	400
Bulk Density	ASTM D 4894	g/l	750
Melt Point, Initial	ASTM D 4894	°C	342 +/- 10
Diametric Shrink	ASTM D 4745	%	3.2 ± 0.5
Flow	Poly-Smith	Sec/50 g	3
Avg Particle Size	Poly-Smith	Micron	500

* cross direction

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

General Application:

This grade is suitable for use in Isostatic, Automatic, and Standard moulding practices to fabricate parts including, but not limited to, seals, bearings, thin wall molding and sheet.

Safety

This product is a fluoropolymer so precautions should be followed.

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.