

# 3M™ Dyneon™ PTFE Compound TF 4302

Polytetrafluoroethylene

3M Advanced Materials Division

Message:

- Features
- PTFE Compound with 10 % graphite
- Free flow compound
- Typical applications:
- Seals
- Bearings

General Information	
Filler / Reinforcement	Graphite Fiber,10% Filler by Weight
Features	Good Flow
Uses	Bearings
	Seals
Processing Method	Compression Molding
	Sintering

Physical	Nominal Value	Unit	Test Method
Density	2.17	g/cm <sup>3</sup>	ISO 12086
Apparent Density	0.79	g/cm <sup>3</sup>	ISO 12086
Average Particle Size	580	µm	ISO 12086
Compression Molding Molding Pressure	40.0	MPa	
Compression Molding Temperature	23 to 26	°C	
Sintering Temperature	< 365	°C	

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup> (Break)	22.0	MPa	ISO 12086
Tensile Strain <sup>2</sup> (Break)	340	%	ISO 12086

NOTE	
1.	Measured on sintered moldings
2.	Measured on sintered moldings

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

