

# 3M™ Dyneon™ PTFE Compound TF 6711

Polytetrafluoroethylene

3M Advanced Materials Division

## Message:

### Features

PTFE Compound with 5% glass fibre and 5% molybdenumdisulfide

Free flow compound

General Information	
Filler / Reinforcement	Glass Fiber,5.0% Filler by Weight
Additive	Molybdenum Disulfide Lubricant (5%)
Features	Good Flow
	Lubricated
Processing Method	Compression Molding
	Sintering

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.25	g/cm <sup>3</sup>	ASTM D4745-06
Apparent Density	0.75	g/cm <sup>3</sup>	ASTM D4894-07
Molding Shrinkage - Flow	2.1	%	ASTM D4894-07
Hardness	Nominal Value	Unit	Test Method
Shore Hardness <sup>1</sup> (Shore D)	67		DIN 53505
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Break)	24.0	MPa	ASTM D4745-06
Tensile Elongation <sup>3</sup> (Break)	300	%	ASTM D4745-06
Additional Information	Nominal Value	Unit	
Compression Molding Molding Pressure	50.0	MPa	
Compression Molding Temperature	23 to 26	°C	
Sintering Temperature	< 365	°C	

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

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