

3M™ Dyneon™ PTFE Compound TF 3310

Polytetrafluoroethylene

3M Advanced Materials Division

Message:

Features
PTFE Compound with 0.2 % molybdenum disulfide
Low flow compound

General Information			
Additive	Molybdenum Disulfide Lubricant (2000 ppm)		
Features	Low Flow		
	Lubricated		
Processing Method	Compression Molding		
	Sintering		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.17	g/cm³	ASTM D4745-06
Apparent Density	0.41	g/cm³	ASTM D4894-07
Molding Shrinkage - Flow	2.4	%	ASTM D4894-07
Hardness	Nominal Value	Unit	Test Method
Shore Hardness ¹ (Shore D)	64		DIN 53505
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	31.0	MPa	ASTM D4745-06
Tensile Elongation ³ (Break)	320	%	ASTM D4745-06
Additional Information	Nominal Value	Unit	
Compression Molding Molding Pressure	35.0	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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Recommended distributors for this material

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