

3M™ Dyneon™ PTFE Compound FM 2370079

Polytetrafluoroethylene
3M Advanced Materials Division

Message:

3M™ Dyneon™ PTFE Compound FM 2370079 is a free-flowing suspension PTFE compound containing 5% glass fibre and 5% molybdenum disulfide for compression and automatic moulding.

Special Features

- Increased thermal dimensional stability
- Increased surface hardness
- Improved deformation under load
- Reduced friction & wear
- Good chemical stability
- High limiting oxygen index (LOI)
- Low friction behaviour
- Very good mechanical properties
- Exceptional temperature resistance

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 5.0% filler by weight		
Additive	Molybdenum disulfide lubricant (5%)		
Features	Low friction coefficient		
	Lubrication		
Uses	Seals		
	Application in Automobile Field		
Forms	Powder		
Processing Method	Compression molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.24	g/cm ³	ASTM D4745-06
Apparent Density	0.74	g/cm ³	ASTM D4894-07
Molding Shrinkage - Flow	2.0	%	ASTM D4894-07
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	66		DIN 53505
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	24.0	MPa	ASTM D4745-06
Tensile Elongation (Break)	300	%	ASTM D4745-06

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Recommended distributors for this material

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