3M™ Dyneon™ PTFE Compound TF 7717

Polytetrafluoroethylene

3M Advanced Materials Division

Message:

3M™ Dyneon™ PTFE Compound TF 7717 is a non-free-flowing suspension PTFE compound containing a 30% carbon/wollastonite filler combination for compression moulding.
Special Features
Increased thermal dimensional stability
Increased surface hardness
Improved deformation under load
Reduced friction and wear
Low moulding pressure
High limiting oxygen index (LOI)
Low friction behaviour
Improved mechanical properties
Exceptional temperature resistance
Good chemical stability

General Information			
Filler / Reinforcement	Wollastonite (CaSiO3)		
	Carbon fiber reinforced material		
Features	Low friction coefficient		
Uses	Seals		
	Application in Automobile Field		
Forms	Powder		
Processing Method	Compression molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.05	g/cm³	ASTM D4745-06
Apparent Density	0.50	g/cm³	ASTM D4894-07
Molding Shrinkage - Flow	2.2	%	ASTM D4894-07
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	74		DIN 53505
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	16.0	MPa	ASTM D4745-06
Tensile Elongation (Break)	80	%	ASTM D4745-06

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

WECHAT