

3M™ Dyneon™ PTFE Compound TF 8914

Polytetrafluoroethylene

3M Advanced Materials Division

Message:

3M™ Dyneon™ PTFE Compound TF 8914 is a free-flowing red pigmented suspension PTFE compound for compression and automatic moulding.

Special Features

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

General Information			
Additive	Pigment		
Features	Low friction coefficient		
Uses	Seals		
	Application in Automobile Field		
Appearance	Red		
Forms	Powder		
Processing Method	Compression molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.15	g/cm ³	ASTM D4745-06
Apparent Density	0.77	g/cm ³	ASTM D4894-07
Molding Shrinkage - Flow	2.9	%	ASTM D4894-07
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	64		DIN 53505
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	32.0	MPa	ASTM D4745-06
Tensile Elongation (Break)	350	%	ASTM D4745-06

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