

3M™ Dyneon™ PTFE Compound TF 8615

Polytetrafluoroethylene

3M Advanced Materials Division

Message:

Features

Dyneon™ PTFE Compound with 30% bronze and 10% carbon fibre

Free flow compound

General Information			
Filler / Reinforcement	Bronze,30% Filler by Weight		
	Carbon Fiber,10% Filler by Weight		
Features	Good Flow		
Processing Method	Compression Molding		
	Sintering		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.55	g/cm ³	ASTM D4745-06
Apparent Density	0.94	g/cm ³	ASTM D4894-07
Molding Shrinkage - Flow	0.80	%	ASTM D4894-07
Hardness	Nominal Value	Unit	Test Method
Shore Hardness ¹ (Shore D)	68		DIN 53505
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	15.5	MPa	ASTM D4745-06
Tensile Elongation ³ (Break)	240	%	ASTM D4745-06
Additional Information	Nominal Value	Unit	
Compression Molding Molding Pressure	60.0	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		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

