

3M™ Dyneon™ TFM™ Modified PTFE

Compound TFM 3105

Polytetrafluoroethylene

3M Advanced Materials Division

Message:

3M™ Dyneon™ TFM™ Modified PTFE Compound TFM 3105 is a non-free-flowing suspension PTFE compound containing 25% glass fibre 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	Glass fiber reinforced material, 25% filler by weight		
Features	Low friction coefficient		
	Weldable		
Uses	Washer		
	Seals		
	Application in Automobile Field		
Forms	Powder		
Processing Method	Compression molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.20	g/cm³	ASTM D4745-06
Apparent Density	0.54	g/cm³	ASTM D4894-07
Molding Shrinkage - Flow	2.4	%	ASTM D4894-07
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	67		DIN 53505
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	16.5	MPa	ASTM D4745-06
Tensile Elongation (Break)	390	%	ASTM D4745-06

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.

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

