

VAMPLUB F 40G 00TFSi

Polyphenylene Sulfide

Vamp Tech

Message:

PPS 40% glass fiber reinforced with PTFE and silicon.

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Additive	PTFE + Silicone Lubricant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.67	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.20	%	
Across Flow	0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	14000	MPa	ASTM D638
Tensile Strength (Yield)	150	MPa	ASTM D638
Tensile Elongation (Break)	1.6	%	ASTM D638
Coefficient of Friction			ASTM D1894
Dynamic	0.23		
Static	0.26		
Wear Factor ¹	150	10 ⁻¹⁰ m ³ h/N·m·h	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	5.0	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	32	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	265	°C	ASTM D648A
Vicat Softening Temperature	255	°C	ASTM D1525 ²
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
NOTE			
1.	Thrust Washer		
2.	Loading 2 (50 N)		

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

