

VAMPLUB K 00U 2 TF E

Polyetheretherketone

Vamp Tech

Message:

For extrusion, PEEK unfilled with PTFE.

General Information			
Additive	PTFE Lubricant		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.70	%	
Across Flow	1.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3200	MPa	ASTM D638
Tensile Strength (Yield)	80.0	MPa	ASTM D638
Tensile Elongation (Break)	> 50	%	ASTM D638
Coefficient of Friction			ASTM D1894
Dynamic	0.52		
Static	0.42		
Wear Factor ¹	128	10 ⁻¹⁰ m ³ h/N·m·h	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	9.0	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	No Break		ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 300	°C	ASTM D1525 ²
Flammability	Nominal Value		Test Method
Flame Rating (3.20 mm)	V-0		UL 94
NOTE			
1.	Thrust Washer		
2.	Loading 2 (50 N)		

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