

DENILUB B 20G 3TF

Polybutylene Terephthalate

Vamp Tech

Message:

PBT 30% glass fiber reinforced with PTFE.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	PTFE Lubricant		
Features	Lubricated		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.55	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.50	%	
Across Flow	0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7000	MPa	ASTM D638
Tensile Strength (Yield)	105	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Coefficient of Friction			ASTM D1894
Dynamic	0.21		
Static	0.16		
Wear Factor ¹	20.0	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	45	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210	°C	ASTM D648A
Vicat Softening Temperature	205	°C	ASTM D1525 ²
NOTE			
1.	Thrust Washer		
2.	Loading 2 (50 N)		

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