

DENILUB PBT NEAT RESIN

Polybutylene Terephthalate

Vamp Tech

Message:

DENILUB PBT NEAT RESIN is a Polybutylene Terephthalate (PBT) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	1.5 to 2.0	%	
Across Flow	1.7 to 2.1	%	
Water Absorption (Saturation)	0.25	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2800	MPa	ASTM D638
Tensile Strength (Yield)	60.0	MPa	ASTM D638
Tensile Elongation (Break)	> 50	%	ASTM D638
Coefficient of Friction			ASTM D1894
Dynamic	0.20		
Static	0.25		
Wear Factor ¹	210	10 ⁻¹⁰ m ³ h/N·m·h	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	6.0	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	No Break		ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.0	°C	ASTM D648A
Vicat Softening Temperature	210	°C	ASTM D1525 ²
NOTE			
1.	Thrust Washer		
2.	Loading 2 (50 N)		

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