

Latilub 88/10-15T G/30

Polyetheretherketone

LATI S.p.A.

Message:

Self-lubricating product based on Polyetheretherketone (PEEK).

PTFE. Glass fibres.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	PTFE Lubricant		
Features	Self Lubricating		
Physical	Nominal Value	Unit	Test Method
Density	1.62	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.60 to 0.90	%	
Flow : 2.00 mm	0.30 to 0.55	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	12500	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	110	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	2.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	40	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	295	°C	ISO 75-2/B
1.8 MPa, Unannealed	255	°C	ISO 75-2/A
Vicat Softening Temperature	350	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	120 to 150	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	370 to 400	°C	
Mold Temperature	170 to 200	°C	
Injection Rate	Moderate-Fast		
NOTE			

1. 60 MPa

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