

Latiohm 62-08 PD02 G/30

Polyamide 6

LATI S.p.A.

Message:

Dissipative compound based on Polyamide 6 (PA 6).
Glass fibres.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.55 to 0.80	%	
Flow : 2.00 mm	0.40 to 0.55	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	8600	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	75.0	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)	8.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	40	kJ/m ²	ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	70	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	205	°C	ISO 75-2/B
1.8 MPa, Unannealed	155	°C	ISO 75-2/A
Vicat Softening Temperature	160	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	5.0E+10	ohms	ASTM D257
Volume Resistivity	8.0E+10	ohms · cm	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 100	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	240 to 280	°C	
Mold Temperature	80.0 to 100	°C	
Injection Rate	Moderate		
NOTE			
1.	at 60 Mpa of cavity pressure		

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Recommended distributors for this material

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



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