

LATIOHM 66-07 PD08 G/30

 LATI INDUSTRIA TERMOPLASTICI SPA - *Polyamide 66*
General Information
Product Description

Semiconductive/dissipative product based on Polyamide 66 (PA 66). Glass fibres. High stiffness. PFAS-free product.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Filler / Reinforcement	• Glass Fiber		
Features	• Antistatic	• Electrically Conductive	• PFAS Free

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.42	g/cm ³	ISO 1183
Molding Shrinkage ²			ISO 294-4
Across Flow : 0.0787 in	0.85 to 1.2	%	
Flow : 0.0787 in	0.25 to 0.55	%	
Water Absorption ³ (Saturation, 73°F)	1.7	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-1/1
73°F	2.18E+6	psi	
140°F	1.35E+6	psi	
194°F	1.10E+6	psi	
248°F	914000	psi	
302°F	798000	psi	
Tensile Stress			ISO 527-2/5
Break, 73°F	29000	psi	
Break, 140°F	21000	psi	
Break, 194°F	17400	psi	
Break, 248°F	15200	psi	
Break, 302°F	13100	psi	
Tensile Strain			ISO 527-2/5
Break, 73°F	2.4	%	
Break, 140°F	3.5	%	
Break, 194°F	4.3	%	
Break, 248°F	4.6	%	
Break, 302°F	4.9	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.3	ft·lb/in ²	ISO 179/1eA
Charpy Unnotched Impact Strength (73°F)	33	ft·lb/in ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	500	°F	ISO 75-2/B
Deflection Temperature Under Load (264 psi, Unannealed)	482	°F	ISO 75-2/A
Vicat Softening Temperature	482	°F	ISO 306/B120
CLTE - Flow (86 to 212°F)	1.1E-5	in/in/°F	ISO 11359-2
CLTE - Transverse (86 to 212°F)	2.8E-5	in/in/°F	ISO 11359-2
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	8.0E+4	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method



Flame Rating	UL 94
0.030 in	HB
0.06 in	HB
0.12 in	HB

Notes

¹ Typical properties: these are not to be construed as specifications.

² 60 MPa

³ in air

