

LATAMID 66 H2 G/15

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

Compound based on Polyamide 66 (PA 66). Improved thermal stabilisation. Glass fibres. PFAS-free product.

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.24	g/cm ³	ISO 1183
Molding Shrinkage ²			ISO 294-4
Across Flow : 0.0787 in	1.0 to 1.3	%	
Flow : 0.0787 in	0.45 to 0.75	%	
Water Absorption ³ (Saturation, 73°F)	2.1	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-1/1
73°F	740000	psi	
140°F	580000	psi	
194°F	421000	psi	
248°F	160000	psi	
Tensile Stress			ISO 527-2/5
Yield, 140°F	10900	psi	
Yield, 194°F	9430	psi	
Yield, 248°F	3630	psi	
Tensile Stress			ISO 527-2/5
Break, 73°F	14500	psi	
Break, 140°F	10200	psi	
Break, 194°F	8700	psi	
Break, 248°F	3630	psi	
Tensile Strain			ISO 527-2/5
Yield, 140°F	4.8	%	
Yield, 194°F	5.0	%	
Yield, 248°F	15	%	
Tensile Strain			ISO 527-2/5
Break, 73°F	2.5	%	
Break, 140°F	15	%	
Break, 194°F	18	%	
Break, 248°F	25	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	2.1	ft·lb/in ²	ISO 179/1eA
Charpy Unnotched Impact Strength (73°F)	14	ft·lb/in ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	482	°F	ISO 75-2/B
Deflection Temperature Under Load (264 psi, Unannealed)	455	°F	ISO 75-2/A
Vicat Softening Temperature	473	°F	ISO 306/B120



CLTE - Flow (86 to 212°F)	2.2E-5 in/in/°F	ISO 11359-2
CLTE - Transverse (86 to 212°F)	4.2E-5 in/in/°F	ISO 11359-2
Electrical	Nominal Value Unit	Test Method
Surface Resistivity	1.0E+12 ohms	ASTM D257
Dielectric Strength (73°F, 0.0787 in, Method A (Short-Time))	530 V/mil	ASTM D149

Notes

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

² 60 MPa

³ in air

