

LATENE AG30H G/30

LATI INDUSTRIA TERMOPLASTICI SPA - *Polypropylene Homopolymer*

General Information

Product Description

Compound based on Polypropylene homopolymer (PPH). Chemical grafted fibres. Heat stabilised. Glass fibres. Good thermal properties. PFAS-free product.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Filler / Reinforcement	• Glass Fiber		
Additive	• Heat Stabilizer		
Features	• Heat Stabilized	• Homopolymer	• PFAS Free

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.11	g/cm ³	ISO 1183
Molding Shrinkage ²			ISO 294-4
Across Flow : 0.0787 in	0.55 to 0.70	%	
Flow : 0.0787 in	0.25 to 0.50	%	
Water Absorption ³ (Saturation, 73°F)	0.040	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	928000	psi	ISO 527-1/1
Tensile Stress (Break, 73°F)	12300	psi	ISO 527-2/5
Tensile Strain (Break, 73°F)	3.3	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	5.7	ft·lb/in ²	ISO 179/1eA
Charpy Unnotched Impact Strength (73°F)	24	ft·lb/in ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	320	°F	ISO 75-2/B
Deflection Temperature Under Load (264 psi, Unannealed)	293	°F	ISO 75-2/A
Vicat Softening Temperature	284	°F	ISO 306/B120
CLTE - Flow (86 to 212°F)	1.4E-5	in/in/°F	ISO 11359-2
CLTE - Transverse (86 to 212°F)	4.4E-5	in/in/°F	ISO 11359-2
Thermal Conductivity			ASTM E1461
⁴	1.4	Btu·in/hr/ft ² /°F	
⁵	2.1	Btu·in/hr/ft ² /°F	
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))	860	V/mil	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	HB		UL 94

Notes

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

² 60 MPa

³ in air

⁴ through plane

⁵ in plane

