

**LATAMID 66 B G/20-V**

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

Compound based on Polyamide 66 (PA 66). Low viscosity. Glass fibres. Flame retardant, non classifiable, with brominated flame retardants, PBB/PBDE free. PFAS-free product.

**General**

Material Status	<ul style="list-style-type: none"> <li>Commercial: Active</li> </ul>
Availability	<ul style="list-style-type: none"> <li>Africa &amp; Middle East</li> <li>Asia Pacific</li> <li>Europe</li> <li>Latin America</li> <li>North America</li> </ul>
Filler / Reinforcement	<ul style="list-style-type: none"> <li>Glass Fiber</li> </ul>
Additive	<ul style="list-style-type: none"> <li>Flame Retardant</li> </ul>
Features	<ul style="list-style-type: none"> <li>Brominated</li> <li>Flame Retardant</li> <li>Low Viscosity</li> <li>PFAS Free</li> </ul>

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.52	g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage <sup>2</sup>			ISO 294-4
Across Flow : 0.0787 in	0.70 to 0.95	%	
Flow : 0.0787 in	0.25 to 0.45	%	
Water Absorption <sup>3</sup> (Saturation, 73°F)	1.8	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	1.12E+6	psi	ISO 527-1/1
Tensile Stress (Break, 73°F)	16700	psi	ISO 527-2/5
Tensile Strain (Break, 73°F)	2.2	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	2.4	ft·lb/in <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (73°F)	17	ft·lb/in <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	437	°F	ISO 75-2/B
Deflection Temperature Under Load (264 psi, Unannealed)	356	°F	ISO 75-2/A
Vicat Softening Temperature	401	°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)	3.3E-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
Comparative Tracking Index <sup>4</sup> (Solution A)	250	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.030 in)	V-0		UL 94
Glow Wire Flammability Index			IEC 60695-2-12
0.04 in	1760	°F	
0.08 in	1760	°F	
Oxygen Index	33	%	ASTM D2863

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 60 MPa

<sup>3</sup> in air
