

**LATISTAT 49/3000-02 V0**

 LATI INDUSTRIA TERMOPLASTICI SPA - *Thermoplastic Elastomer*
**General Information**
**Product Description**

Dissipative product based on Thermoplastic elastomer (EP). Flame retardant, UL94 V-0 class, with brominated flame retardants. High dimensional stability. PFAS-free product.

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Additive	• Flame Retardant		
Features	• Antistatic	• Flame Retardant	
	• Brominated	• PFAS Free	

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

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.20	g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage <sup>2</sup>			ISO 294-4
Across Flow : 0.0787 in	1.6 to 2.0	%	
Flow : 0.0787 in	1.8 to 2.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	131000	psi	ISO 527-1/1
Tensile Stress (Yield, 73°F)	2180	psi	ISO 527-2/5
Tensile Stress (Break, 73°F)	2180	psi	ISO 527-2/5
Tensile Strain (Yield, 73°F)	7.0	%	ISO 527-2/5
Tensile Strain (Break, 73°F)	10	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	7.1	ft·lb/in <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (73°F)	38	ft·lb/in <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	140	°F	ISO 75-2/B
Deflection Temperature Under Load (264 psi, Unannealed)	104	°F	ISO 75-2/A
Vicat Softening Temperature	140	°F	ISO 306/B120
CLTE - Flow (86 to 212°F)	5.6E-5	in/in/°F	ISO 11359-2
CLTE - Transverse (86 to 212°F)	5.6E-5	in/in/°F	ISO 11359-2
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	60	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in	V-0		
0.12 in	V-0		
Glow Wire Flammability Index			IEC 60695-2-12
0.04 in	1430	°F	
0.08 in	1380	°F	
Oxygen Index	29	%	ASTM D2863

**Notes**

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

<sup>2</sup> 60 MPa

