

LATISTAT 36/MR-04

LATI INDUSTRIA TERMOPLASTICI SPA - *Acrylonitrile Butadiene Styrene*
General Information
Product Description

Dissipative product based on Acrylonitrile-Butadiene-Styrene copolymer (ABS). PFAS-free product.

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.10	g/cm ³	ISO 1183
Molding Shrinkage ²			ISO 294-4
Across Flow : 0.0787 in	0.50 to 0.60	%	
Flow : 0.0787 in	0.45 to 0.65	%	
Water Absorption ³ (Saturation, 73°F)	0.40	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	305000	psi	ISO 527-1/1
Tensile Stress (Yield, 73°F)	5080	psi	ISO 527-2/5
Tensile Stress (Break, 73°F)	5080	psi	ISO 527-2/5
Tensile Strain (Yield, 73°F)	2.0	%	ISO 527-2/5
Tensile Strain (Break, 73°F)	5.5	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-4°F	1.2	ft·lb/in ²	
73°F	2.4	ft·lb/in ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-4°F	12	ft·lb/in ²	
73°F	14	ft·lb/in ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	194	°F	ISO 75-2/B
Deflection Temperature Under Load (264 psi, Unannealed)	167	°F	ISO 75-2/A
Vicat Softening Temperature	203	°F	ISO 306/B120
CLTE - Flow (86 to 212°F)	4.2E-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	2.0E+4	ohms	ASTM D257

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

² 60 MPa

³ in air
