

LASTANE 30 MDT07-01 BLUE:7563F1

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

Compound based on Thermoplastic Polyurethane (TPU). Magnetic detectable filler. PFAS-free product.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Filler
Features	• Magnetically Detectable • PFAS Free • Metal Detectable • X-Ray Detectable

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.51	g/cm ³	ISO 1183
Molding Shrinkage ²			ISO 294-4
Across Flow : 0.0787 in	0.80 to 1.1	%	
Flow : 0.0787 in	0.80 to 1.1	%	
Water Absorption ³ (Saturation, 73°F)	0.25	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	2900	psi	ISO 527-1/1
Tensile Stress (Yield, 73°F)	580	psi	ISO 527-2/5
Tensile Stress (Break, 73°F)	No Break		ISO 527-2/5
Tensile Strain (Yield, 73°F)	> 10	%	ISO 527-2/5
Tensile Strain (Break, 73°F)	No Break		ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	No Break		ISO 179/1eA
Charpy Unnotched Impact Strength (73°F)	No Break		ISO 179/1eU
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	90		ISO 7619-1
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))	480	V/mil	ASTM D149

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

² 60 MPa

³ in air
