

LATIOHM 66-10 H2 CNT CE/10

PA66-(MX+Z)

LATI Industria Termoplastici S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.5	%	ISO 294-4, 2577
Molding shrinkage, normal	1.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	5000	MPa	ISO 527
Stress at break	90	MPa	ISO 527
Strain at break	2.7	%	ISO 527
Charpy impact strength, +23°C	20	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	1.3	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	115	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	235	°C	ISO 75-1/-2
Vicat softening temperature, B	245	°C	ISO 306

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E8	Ohm	ASTM D 257
Volume Resistivity	1E8	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1240	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90 - 100	°C	-
Pre-drying - Time	3	h	-
Melt temperature	275 - 300	°C	-
Mold temperature	70 - 90	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Special Characteristics

Increased electrical conductivity, Heat stabilized or stable to heat