LATENE 11 MDT05-01

PP-X | LATI Industria Termoplastici S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	**1.7**	%	ISO 294-4, 2577
Molding shrinkage, normal	**1.7**	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**1900**	MPa	ISO 527
Yield stress	**25**	MPa	ISO 527
Yield strain	**5**	%	ISO 527
Stress at break	**15**	MPa	ISO 527
Strain at break	**9**	%	ISO 527
Charpy impact strength, +23°C	**20**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**2.5**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**55**	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	**90**	°C	ISO 75-1/-2
Vicat softening temperature, B	**95**	°C	ISO 306
Coeff. of linear therm. expansion, parallel	**140**	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	**1130**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**80 - 90**	°C	-
Pre-drying - Time	**3**	h	-
Melt temperature	**180 - 220**	°C	-
Mold temperature	**30 - 50**	°C	-

Characteristics

Processing
Injection Molding

Regional Availability
Europe

Features
Metal Detectable, Homopolymer

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