

LARAMID T G/50

PA9T-GF50

LATI Industria Termoplastici S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	16000	MPa	ISO 527
Stress at break	255	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Charpy impact strength, +23°C	75	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	15	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	280	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	290	°C	ISO 75-1/-2
Vicat softening temperature, B	280	°C	ISO 306
Electrical properties			
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257
Other properties			
Density	1570	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	100 - 130	°C	-
Pre-drying - Time	3	h	-
Melt temperature	310 - 330	°C	-
Mold temperature	140 - 160	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Chemical Resistance

General Chemical Resistance