

LATILUB 66-20T G/20-V1

(PA66+PTFE)-GF

LATI Industria Termoplastici S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6400	MPa	ISO 527
Stress at break	115	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Charpy impact strength, +23°C	35	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	250	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	265	°C	ISO 75-1/-2
Vicat softening temperature, B	250	°C	ISO 306
ASTM Data			
UL 94 Flame rating	V-1	-	UL 94
Thickness tested	1.5	mm	-

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1460	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	270 - 290	°C	-
Mold temperature	70 - 100	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Additives

Lubricants, Flame retarding agent