

**LATILUB 88/50-20GRT K/10**

(PEEK+PTFE)-(CD+CF)

LATI Industria Termoplastici S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	12500	MPa	ISO 527
Stress at break	145	MPa	ISO 527
Strain at break	2.3	%	ISO 527
Charpy impact strength, +23°C	35	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	5	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	295	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	350	°C	ISO 75-1/-2
Vicat softening temperature, B	350	°C	ISO 306

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Surface Resistivity	1E9	Ohm	ASTM D 257
Volume Resistivity	1E9	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1450	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120 - 150	°C	-
Pre-drying - Time	3	h	-
Melt temperature	370 - 400	°C	-
Mold temperature	170 - 200	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe

**Additives**

Lubricants