

**LATILUB 80-40GRT**

(PPS+PTFE)-CD

LATI Industria Termoplastici S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	6800	MPa	ISO 527
Stress at break	50	MPa	ISO 527
Strain at break	1	%	ISO 527
Charpy impact strength, +23°C	10	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	1.5	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	150	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	250	°C	ISO 75-1/-2
Vicat softening temperature, B	245	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1600	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100 - 130	°C	-
Pre-drying - Time	3	h	-
Melt temperature	290 - 310	°C	-
Mold temperature	130 - 150	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe

**Additives**

Lubricants