

LATAMID 66 H2 K/30

PA66-CF

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	22500	MPa	ISO 527
Stress at break	220	MPa	ISO 527
Strain at break	1.7	%	ISO 527
Charpy impact strength, +23°C	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	255	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	260	°C	ISO 75-1/-2
Vicat softening temperature, B	255	°C	ISO 306
Coeff. of linear therm. expansion, parallel	15	E-6/K	ISO 11359-1/-2
Electrical properties			
ASTM Data			
Surface Resistivity	1000	Ohm	ASTM D 257
Volume Resistivity	10000	Ohm*cm	ASTM D 257
Other properties			
Density	1280	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	90 - 100	°C	-
Pre-drying - Time	3	h	-
Melt temperature	280 - 300	°C	-
Mold temperature	80 - 100	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Special Characteristics

Heat stabilized or stable to heat