

LATISHIELD 66-08A G/25-V0KB1

PA66-(MEF(x)+GF)

LATI Industria Termoplastici S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	8300	MPa	ISO 527
Stress at break	120	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Charpy impact strength, +23°C	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	7.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	240	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	260	°C	ISO 75-1/-2
Vicat softening temperature, B	245	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	19.1	mm	-
Limiting Oxygen Index	28	%	ASTM D 2863
Electrical properties			
ISO Data			
Comparative tracking index	200	-	IEC 60112
ASTM Data			
Surface Resistivity	100	Ohm	ASTM D 257
Other properties			
Density	1440	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	90 - 100	°C	-
Pre-drying - Time	3 - 5	h	-
Melt temperature	270 - 290	°C	-
Mold temperature	70 - 100	°C	-

Characteristics**Processing**

Injection Molding

Features

EMI Attenuation/Shielding

Additives

Flame retarding agent

Regional Availability

Europe