

HILUB A 252

(PA66+PTFE)

MAIP SRL

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.4	%	ISO 294-4, 2577
Molding shrinkage, normal	1.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at break	60	MPa	ISO 527
Strain at break	8	%	ISO 527
Flexural modulus, 23°C	2600	MPa	ISO 178
Flexural strength	75	MPa	ISO 178
Izod impact strength, +23°C	40	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	5.5	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	80	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)
Glow Wire Flammability Index (GWFI)	650	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.5	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
Surface resistivity	1E12	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1260	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 12	h	-
Processing humidity	≤0.08	%	-
Melt temperature	280 - 300	°C	-
Mold temperature	60 - 90	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Additives

Lubricants