

BONDI B FV30 EL1

PA6-GF

MAIP SRL

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Stress at break	120	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	6500	MPa	ISO 178
Flexural strength	180	MPa	ISO 178
Izod notched impact strength, +23°C	18	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	190	°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)
Other properties			
Density	1320	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 12	h	-
Processing humidity	≤0.1	%	-
Melt temperature	260 - 290	°C	-
Mold temperature	60 - 100	°C	-

Characteristics**Processing**

Injection Molding

Features

Good Adhesion

Special Characteristics

High impact or impact modified

Regional Availability

Europe