

POLIMID B 15 GF EM1

PA6-GF15

Poliblend S.p.a.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	5000	MPa	ISO 527
Yield stress	105	MPa	ISO 527
Yield strain	4.5	%	ISO 527
Stress at break	105	MPa	ISO 527
Strain at break	5.5	%	ISO 527
Izod impact strength, +23°C	45	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	8	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	222	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	190	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	205	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E12	Ohm*m	IEC 62631-3-1
Comparative tracking index	600	-	IEC 60112
Other properties			
Density	1220	kg/m ³	ISO 1183

Characteristics

Special Characteristics
High impact or impact modified

Regional Availability
Europe