

**POLIMID B 50 GF K1**

PA6-GF50

Poliblend S.p.a.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	14000	MPa	ISO 527
Yield stress	220	MPa	ISO 527
Yield strain	2	%	ISO 527
Stress at break	220	MPa	ISO 527
Strain at break	2	%	ISO 527
Izod impact strength, +23°C	115	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	13	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	222	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	215	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220	°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	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	1E12	Ohm*m	IEC 62631-3-1
Comparative tracking index	600	-	IEC 60112
<b>Other properties</b>			
Density	1570	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

Europe

**Chemical Resistance**

Hydrolytically Stable