

POLIMID A SG

PA66

Poliblend S.p.a.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	3100	MPa	ISO 527
Yield stress	85	MPa	ISO 527
Yield strain	5	%	ISO 527
Strain at break	40	%	ISO 527
Izod impact strength, +23°C	N	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
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 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	1.0	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E12	Ohm*m	IEC 62631-3-1
Comparative tracking index	600	-	IEC 60112
Other properties			
Density	1140	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Melt temperature	260 - 280	°C	-
Mold temperature	70 - 90	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe