DAFNEBLEND® PL200/E

(PC+PBT) Sirmax S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**14**	g/10min	ISO 1133
Temperature	**250**	°C	-
Load	**5**	kg	-
Molding shrinkage, parallel	**0.8**	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	**55**	MPa	ISO 527
Strain at break	**>50**	%	ISO 527
Flexural modulus, 23°C	**2200**	MPa	ISO 178
Flexural strength	**80**	MPa	ISO 178
Charpy impact strength, +23°C	**N**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**50**	kJ/m²	ISO 179/1eA
Izod notched impact strength, +23°C	**50**	kJ/m²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**85**	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	**105**	°C	ISO 75-1/-2
Vicat softening temperature, B	**115**	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	**HB**	class	IEC 60695-11-10
Thickness tested	**1.6**	mm	-

Other properties	Value	Unit	Test Standard
Density	**1220**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**90 - 100**	°C	-
Pre-drying - Time	**3**	h	-
Melt temperature	**230 - 270**	°C	-
Mold temperature	**60 - 80**	°C	-

Characteristics

Processing
Injection Molding

Special Characteristics
High impact or impact modified

Chemical Resistance
General Chemical Resistance

Certifications
RoHS compliant

Regional Availability
North America, Europe, Asia Pacific, South and Central America