XILOY 02 2060 T8

(PC+ASA) MAIP SRL

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**25**	g/10min	ISO 1133
Temperature	**260**	°C	-
Load	**5**	kg	-
Molding shrinkage, parallel	**0.5**	%	ISO 294-4, 2577
Molding shrinkage, normal	**0.5**	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**2400**	MPa	ISO 527
Yield stress	**55**	MPa	ISO 527
Stress at break	**40**	MPa	ISO 527
Strain at break	**20**	%	ISO 527
Flexural modulus, 23°C	**2250**	MPa	ISO 178
Flexural strength	**80**	MPa	ISO 178
Charpy notched impact strength, +23°C	**40**	kJ/m²	ISO 179/1eA
Izod notched impact strength, +23°C	**40**	kJ/m²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Coeff. of linear therm. expansion, parallel	**80**	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	**85**	E-6/K	ISO 11359-1/-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)

Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	**1E10**	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	**1120**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**110**	°C	-
Pre-drying - Time	**2 - 6**	h	-
Processing humidity	**≤0.05**	%	-
Melt temperature	**240 - 280**	°C	-
Mold temperature	**60 - 80**	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe

Special Characteristics

Anti-static