

Product Texts

- (PC+ABS)-Blend
- Vicat/B 120 temperature = 130 °C
- improved flow compared with T85

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	19	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2300	MPa	ISO 527
^[C] Yield stress	54	MPa	ISO 527
^[C] Yield strain	4.7	%	ISO 527
^[C] Charpy notched impact strength, +23°C	50	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	37	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	107	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	126	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	128	°C	ISO 306
^[C] Coeff. of linear therm. expansion, parallel	75	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	80	E-6/K	ISO 11359-1/-2
^[C] Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
^[C] Oxygen index	24	%	ISO 4589-1/-2

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ISO Data			
^[C] Relative permittivity, 100Hz	3.1	-	IEC 62631-2-1
^[C] Relative permittivity, 1MHz	3	-	IEC 62631-2-1
^[C] Dissipation factor, 100Hz	20	E-4	IEC 62631-2-1
^[C] Dissipation factor, 1MHz	85	E-4	IEC 62631-2-1
^[C] Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	>1E15	Ohm	IEC 62631-3-2
^[C] Electric strength	35	kV/mm	IEC 60243-1
^[C] Comparative tracking index	225	-	IEC 60112

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Water absorption	0.7	%	Sim. to ISO 62
^[C] Humidity absorption	0.2	%	Sim. to ISO 62
^[C] Density	1140	kg/m ³	ISO 1183

[C]: CAMPUS

Test specimen production	Value	Unit	Test Standard
ISO Data			
^[C] Injection Molding, melt temperature	260	°C	ISO 294
Injection Molding, mold temperature	80	°C	ISO 294
Injection Molding, injection velocity	240	mm/s	ISO 294

[C]: CAMPUS

Characteristics

Certifications

Contains renewable resources, ISCC Plus

Regional Availability

North America, Europe, Asia Pacific, Near East/Africa