

Product Texts

Injection Molding

ISO 18064 TPC-ET

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	13.8	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Stress at 10% elongation	1.9	MPa	ISO 527
^[C] Stress at 100% elongation	4.1	MPa	ISO 527
^[C] Stress at break TPE	8.8	MPa	ISO 527
^[C] Shore A hardness	82	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	180	°C	ISO 11357-1/-3
^[C] Glass transition temperature, 10°C/min	-70	°C	ISO 11357-1/-2

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	8.4E11	Ohm*m	IEC 62631-3-1
^[C] Electric strength	21.5	kV/mm	IEC 60243-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Water absorption	0.16	%	Sim. to ISO 62
^[C] Humidity absorption	0.45	%	Sim. to ISO 62
^[C] Density	1100	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding, Other Extrusion

Regional Availability

North America, Europe, Asia Pacific

Delivery form

Pellets

Other text information

Injection molding

- [Injection Molding Recommendations](#)
- [Steel recommendations for molds screws and barrels](#)
- [Trouble shooting guideline for injection molding](#)

Other extrusion

[Arnitel® Recommendations for Extrusion](#)