

Product Texts

Injection Molding

ISO 18064 TPC-ET

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	27	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
^[C] Density of melt	975	kg/m ³	-
^[C] Spec. heat capacity of melt	1900	J/(kg K)	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Stress at 10% elongation	14	MPa	ISO 527
^[C] Stress at break TPE	36	MPa	ISO 527
^[C] Strain at break TPE	>300	%	ISO 527

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	207	°C	ISO 11357-1/-3

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1210	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Regional Availability

Europe

Delivery form

Pellets

Other text information

Injection molding

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