

Product Texts

Injection Molding

ISO 18064 TPC-ET

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	300	MPa	ISO 527
^[C] Charpy notched impact strength, +23°C	16	kJ/m ²	ISO 179/1eA
^[C] Stress at 10% elongation	18	MPa	ISO 527
^[C] Stress at break TPE	30	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	216	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	52	°C	ISO 75-1/-2
^[C] Coeff. of linear therm. expansion, parallel	175	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	175	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Water absorption	0.6	%	Sim. to ISO 62
^[C] Humidity absorption	0.18	%	Sim. to ISO 62
^[C] Density	1260	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

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](#)