

Product Texts

Injection Molding or Extrusion Grade

ISO 18064 TPC-ET

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Yield stress	6	MPa	ISO 527
^[C] Yield strain	50	%	ISO 527
^[C] Nominal strain at break	>50	%	ISO 527
^[C] Charpy notched impact strength, +23°C	N	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	N	kJ/m ²	ISO 179/1eA
^[C] Stress at 10% elongation	3	MPa	ISO 527
^[C] Stress at 100% elongation	6.6	MPa	ISO 527
^[C] Stress at break TPE	20	MPa	ISO 527
^[C] Strain at break TPE	>300	%	ISO 527
^[C] Shore D hardness	33	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	195	°C	ISO 11357-1/-3
^[C] Glass transition temperature, 10°C/min	-73	°C	ISO 11357-1/-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1110	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding, Film Extrusion, Coating

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](#)

Film extrusion

- [Arnitel® Recommendations for Extrusion](#)