

Product Texts

Blow Molding Grade

ISO 18064 TPC-ET

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	7	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	10	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Charpy notched impact strength, +23°C	N	kJ/m ²	ISO 179/1eA
^[C] Stress at 10% elongation	11	MPa	ISO 527
^[C] Stress at 100% elongation	21	MPa	ISO 527
^[C] Stress at break TPE	24	MPa	ISO 527
^[C] Compression set at 70 °C, 24h	37	%	ISO 815
^[C] Tear strength	123	kN/m	ISO 34-1
^[C] Shore A hardness	97	-	ISO 7619-1
^[C] Shore D hardness	51	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	204	°C	ISO 11357-1/-3
^[C] Glass transition temperature, 10°C/min	-78	°C	ISO 11357-1/-2
^[C] Vicat softening temperature, B	54	°C	ISO 306
^[C] Coeff. of linear therm. expansion, parallel	220	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	220	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Humidity absorption	1.19	%	Sim. to ISO 62
^[C] Density	1180	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Blow Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific

Other text information

Blow molding

[Arnitel® Blow Molding Recommendations](#)