

Product Texts

Blow Molding Grade

ISO 18064 TPC-ET

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	10.5	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	10	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	N	kJ/m ²	ISO 179/1eU
^[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	6.1	MPa	ISO 527
^[C] Stress at 100% elongation	14	MPa	ISO 527
^[C] Stress at break TPE	17	MPa	ISO 527

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	203	°C	ISO 11357-1/-3

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Water absorption	0.7	%	Sim. to ISO 62
^[C] Humidity absorption	0.3	%	Sim. to ISO 62
^[C] Density	1150	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](#)