

Product Texts

Heat Resistant Copolyester, Blow Molding Grade

ISO 18064 TPC-ES

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	8.7	kJ/m ²	ISO 179/1eA
^[C] Stress at 10% elongation	19	MPa	ISO 527
^[C] Stress at 100% elongation	25	MPa	ISO 527
^[C] Stress at break TPE	26	MPa	ISO 527

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	206	°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	1270	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Other Extrusion, Blow Molding

Features

Copolymer

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Heat stabilized or stable to heat

Other text information

Injection molding

[Injection Molding Recommendations](#)

Other extrusion

[Arnitel® Recommendations for Extrusion](#)

Blow molding

[Arnitel® HT recommendations for Blow Molding](#)