Arnitel® EB464

TPC | Envalior

Product Texts

Blow Molding Grade

ISO 18064 TPC-ET

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**8**	cm³/10min	ISO 1133
Temperature	**230**	°C	-
Load	**10**	kg	-
[C] Density of melt	**1010**	kg/m³	-
[C] Thermal conductivity of melt	**0.193**	W/(m K)	-
[C] Spec. heat capacity of melt	**2220**	J/(kg K)	-
[C] Eff. thermal diffusivity	**8.6E-8**	m²/s	-
[C] Ejection temperature	**160**	°C	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Stress at 50% strain	**11**	MPa	ISO 527
[C] Strain at break	**>50**	%	ISO 527
[C] Charpy notched impact strength, +23°C	**N**	kJ/m²	ISO 179/1eA
[C] Charpy notched impact strength, -30°C	**N**	kJ/m²	ISO 179/1eA
[C] Stress at 10% elongation	**6**	MPa	ISO 527
[C] Stress at 100% elongation	**13.9**	MPa	ISO 527
[C] Stress at break TPE	**21.5**	MPa	ISO 527
[C] Tear strength	**95**	kN/m	ISO 34-1
[C] Shore D hardness	**39**	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Melting temperature, 10°C/min	**213**	°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/m³	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