

Product Texts

Extrusion Grade

ISO 18064 TPC-ET

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	2.7	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Stress at 10% elongation	3	MPa	ISO 527
^[C] Stress at 100% elongation	4.4	MPa	ISO 527
^[C] Stress at break TPE	8.5	MPa	ISO 527
^[C] Shore A hardness	86	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	172	°C	ISO 11357-1/-3
^[C] Glass transition temperature, 10°C/min	-70	°C	ISO 11357-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-
^[C] Burning Behav. at thickness h	V-1	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Yellow Card available	yes	-	-

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	1.9E11	Ohm*m	IEC 62631-3-1
^[C] Electric strength	21	kV/mm	IEC 60243-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Water absorption	0.17	%	Sim. to ISO 62
^[C] Humidity absorption	0.45	%	Sim. to ISO 62
^[C] Density	1130	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Other Extrusion

Regional Availability

North America, Europe, Asia Pacific

Delivery form

Pellets

Other text information

Other extrusion

[Arnitel® Recommendations for Extrusion](#)