

**Product Texts**

Film Extrusion, Food Contact Quality

ISO 18064 TPC-ET

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	4.7	cm <sup>3</sup> /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Charpy notched impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	N	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Stress at 10% elongation	4	MPa	ISO 527
<sup>[C]</sup> Stress at 100% elongation	10.9	MPa	ISO 527
<sup>[C]</sup> Stress at break TPE	12.5	MPa	ISO 527
<sup>[C]</sup> Tear strength	52	kN/m	ISO 34-1

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	212	°C	ISO 11357-1/-3
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	44	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	120	°C	ISO 306
<sup>[C]</sup> Coeff. of linear therm. expansion, parallel	150	E-6/K	ISO 11359-1/-2
<sup>[C]</sup> Coeff. of linear therm. expansion, normal	150	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Relative permittivity, 100Hz	4.7	-	IEC 62631-2-1
<sup>[C]</sup> Relative permittivity, 1MHz	4.4	-	IEC 62631-2-1
<sup>[C]</sup> Dissipation factor, 100Hz	310	E-4	IEC 62631-2-1
<sup>[C]</sup> Dissipation factor, 1MHz	810	E-4	IEC 62631-2-1
<sup>[C]</sup> Volume resistivity	1E12	Ohm*m	IEC 62631-3-1
<sup>[C]</sup> Electric strength	20	kV/mm	IEC 60243-1
<sup>[C]</sup> Comparative tracking index	600	-	IEC 60112

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
<sup>[C]</sup> Water absorption	7	%	Sim. to ISO 62
<sup>[C]</sup> Humidity absorption	0.4	%	Sim. to ISO 62
<sup>[C]</sup> Density	1160	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics**

**Processing**

Film Extrusion, Profile Extrusion, Sheet Extrusion, Other Extrusion

**Delivery form**

Pellets

**Certifications**

Food contact

**Regional Availability**

North America, Europe

**Other text information**

**Film extrusion**

[Arnitel® Recommendations for Extrusion](#)

**Other extrusion**

[Arnitel® Recommendations for Extrusion](#)