

**Product Texts**

45 Shore D, Medium Viscosity, Highly Breathable, Medical grade, 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	10	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	8.1	MPa	ISO 527
<sup>[C]</sup> Stress at 100% elongation	14.1	MPa	ISO 527
<sup>[C]</sup> Stress at break TPE	20	MPa	ISO 527

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	185	°C	ISO 11357-1/-3
<sup>[C]</sup> Vicat softening temperature, B	44	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
<sup>[C]</sup> Water absorption	33	%	Sim. to ISO 62
<sup>[C]</sup> Density	1250	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics**

**Processing**

Film Extrusion, Profile Extrusion, Sheet Extrusion, Other Extrusion, Coating

**Delivery form**

Pellets

**Certifications**

Food contact, Medical Grade

**Applications**

Medical

**Regional Availability**

North America, Europe, Asia Pacific

**Other text information**

**Film extrusion**

[Arnitel® Recommendations for Extrusion](#)

**Other extrusion**

[Arnitel® Recommendations for Extrusion](#)