

**Product Texts**

Low Viscosity, Injection Molding or Extrusion Grade, Food Contact Quality

ISO 1043 PET

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	65	cm <sup>3</sup> /10min	ISO 1133
Temperature	290	°C	-
Load	5	kg	-
<sup>[C]</sup> Molding shrinkage, parallel	1.6	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	1.6	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	2500	MPa	ISO 527

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	255	°C	ISO 11357-1/-3
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	68	°C	ISO 75-1/-2

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
<sup>[C]</sup> Humidity absorption	0.3	%	Sim. to ISO 62
<sup>[C]</sup> Density	1160	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

Material specific properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Viscosity number	85	cm <sup>3</sup> /g	ISO 307, 1157, 1628

[C]: CAMPUS

**Characteristics**

**Processing**  
Injection Molding, Film Extrusion, Other Extrusion

**Certifications**  
Food contact

**Delivery form**  
Pellets

**Regional Availability**  
North America, Europe, Asia Pacific

**Other text information**

**Injection molding**  
[Injection Molding Recommendations](#)  
[Steel recommendations for molds screws and barrels](#)  
[Supporting document for Stanyl quality processing](#)

**Film extrusion**

[Extrusion Guideline for Arnite® A-grades](#)