

Arnite® A08 100

PET

Envalior

Product Texts

Very High Viscosity, Extrusion, Food Contact Quality

ISO 1043 PET

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	5	cm ³ /10min	ISO 1133
Temperature	275	°C	-
Load	5	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2500	MPa	ISO 527
^[C] Yield stress	55	MPa	ISO 527
^[C] Yield strain	4	%	ISO 527
^[C] Nominal strain at break	>50	%	ISO 527
^[C] Charpy notched impact strength, +23°C	6.5	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	255	°C	ISO 11357-1/-3

[C]: CAMPUS

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

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Humidity absorption	0.3	%	Sim. to ISO 62
^[C] Density	1390	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Profile Extrusion, Sheet Extrusion, Other Extrusion

Certifications

Food contact

Delivery form

Pellets

Regional Availability

Europe

Other text information**Injection molding**[Injection Molding Recommendations](#)**Other extrusion**[Stockshape Processing Guideline for Arnite® A-grades](#)