



**TER Plastics**  
POLYMER GROUP



## Arnite® A06 700

PET

DSM Engineering Plastics

### Product Texts

Very High Viscosity, Improved Impact, Extrusion

ISO 1043 PET

[Arnite website](#)

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2250	MPa	ISO 527-1/-2
Yield stress	50	MPa	ISO 527-1/-2
Yield strain	4	%	ISO 527-1/-2
Nominal strain at break	>50	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	10	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature (10°C/min)	255	°C	ISO 11357-1/-3
Coeff. of linear therm. expansion, parallel	75	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	75	E-6/K	ISO 11359-1/-2
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	>1E13	Ohm*m	IEC 60093
<b>Other properties</b>			
<b>ISO Data</b>			
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1400	kg/m <sup>3</sup>	ISO 1183
<b>Rheological calculation properties</b>			
<b>ISO Data</b>			
Thermal conductivity of melt	0.205	W/(m K)	-
Spec. heat capacity of melt	2050	J/(kg K)	-

### Characteristics

#### Processing

Profile Extrusion, Sheet Extrusion, Other Extrusion

#### Delivery form

Pellets

### Other text information

#### Injection Molding

[Injection Molding Recommendations](#)

#### Other extrusion

[Stockshape Processing Guideline for Arnite A-grades](#)