


Arnite® A06 101

PET

DSM Engineering Plastics

Product Texts

Very High Viscosity, Extrusion

ISO 1043 PET

[Arnite website](#)

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	6.5	cm ³ /10min	ISO 1133
Temperature	270	°C	ISO 1133
Load	2.16	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	2500	MPa	ISO 527-1/-2
Yield stress	55	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)	6.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature (10°C/min)	255	°C	ISO 11357-1/-3
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.9	mm	IEC 60695-11-10
UL recognition	UL	-	-
Oxygen index	25	%	ISO 4589-1/-2
Electrical properties			
ISO Data			
Volume resistivity	>1E13	Ohm*m	IEC 60093
Other properties			
ISO Data			
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1340	kg/m ³	ISO 1183

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](#)