

<b>Arnite® A06 101</b>						
PET	DSM Engineering Plastics					
<b>Product Texts</b>						
Very High Viscosity, Extrusion						
ISO 1043 PET						
<a href="#">Arnite website</a>						
<b>Rheological properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>			
<b>ISO Data</b>						
Melt volume-flow rate, MVR	6.5	cm <sup>3</sup> /10min	ISO 1133			
Temperature	270	°C	ISO 1133			
Load	2.16	kg	ISO 1133			
<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>			
<b>ISO Data</b>						
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 <sup>2</sup>	ISO 179/1eA			
<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>			
<b>ISO Data</b>						
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			
<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>			
<b>ISO Data</b>						
Volume resistivity	>1E13	Ohm*m	IEC 60093			
<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>			
<b>ISO Data</b>						
Humidity absorption	0.3	%	Sim. to ISO 62			
Density	1340	kg/m <sup>3</sup>	ISO 1183			
<b>Characteristics</b>						
<b>Processing</b>	<b>Delivery form</b>					
Profile Extrusion, Sheet Extrusion, Other Extrusion	Pellets					
<b>Other text information</b>						
<b>Injection Molding</b>						
<a href="#">Injection Molding Recommendations</a>						
<b>Other extrusion</b>						
<a href="#">Stockshape Processing Guideline for Arnite A-grades</a>						