


**Arnitel® VT3108 - Shore 45 D**

TPC

DSM Engineering Plastics

**Product Texts**

Extrusion Grade, High Breathable, Drying of Material Required

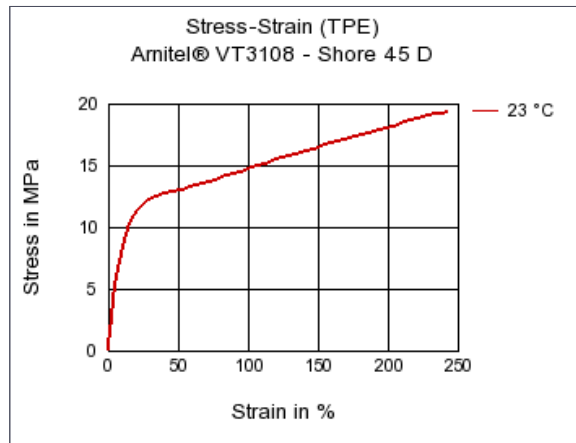
ISO 18064 TPC-ET

[Arnitel website](#)

Rheological properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	10	cm <sup>3</sup> /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	110	MPa	ISO 527-1/-2
Charpy notched impact strength (+23°C)	N	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	N	kJ/m <sup>2</sup>	ISO 179/1eA
Stress at 10% elongation	8.1	MPa	ISO 527-1/-2
Stress at 100% elongation	14.1	MPa	ISO 527-1/-2
Stress at break TPE	20	MPa	ISO 527-1/-2
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature (10°C/min)	185	°C	ISO 11357-1/-3
Thickness tested	1.6	mm	IEC 60695-11-10
<b>Other properties</b>			
<b>ISO Data</b>			
Water absorption	33	%	Sim. to ISO 62
Density	1250	kg/m <sup>3</sup>	ISO 1183

Diagrams

Stress-Strain (TPE)



Characteristics

Processing

Film Extrusion, Profile Extrusion, Sheet Extrusion, Other Extrusion, Coating

Delivery form

Pellets