

Arnitel® VT3108 - Shore 45 D

TPC

DSM Engineering Plastics

Product Texts

Extrusion Grade, High Breathable, Drying of Material Required

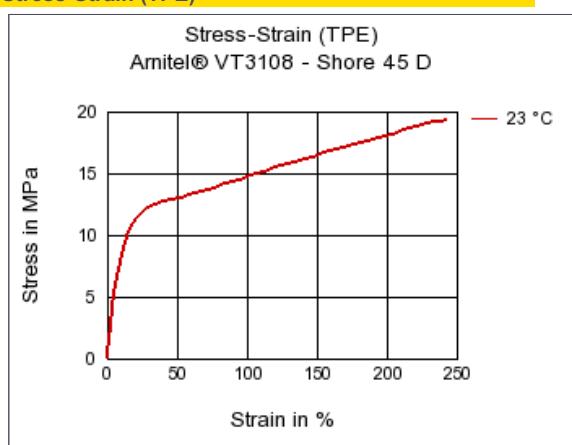
ISO 18064 TPC-ET

[Arnitel website](#)

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

Diagrams

Stress-Strain (TPE)



Characteristics

Processing

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

Delivery form

Pellets