

Arnitel® VT7812

TPC-ET

Film Extrusion, Highly Breathable, Drying of Material Required

Properties	Typical Data	Unit	Test Method
Rheological properties			
	Value		
Melt volume-flow rate	9	cm ³ /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	10	kg	ISO 1133
Mechanical properties			
	Value		
Shore D Hardness (3s)	50	-	ISO 868
Tensile modulus	320	MPa	ISO 527-1/-2
Stress at break	21	MPa	ISO 527-1/-2
Nominal strain at break	200	%	ISO 527-1/-2
Stress at 5% strain	10.7	MPa	ISO 527-1/-2
Stress at 10% strain	14	MPa	ISO 527-1/-2
Stress at 50% strain	15	MPa	ISO 527-1/-2
Stress at 100% strain	16	MPa	ISO 527-1/-2
Thermal properties			
	Value		
Melting temperature (10°C/min)	207	°C	ISO 11357-1/-3
Other properties			
	Value		
Density	1220	kg/m ³	ISO 1183
Water absorption	130	%	Sim. to ISO 62

