

Arnitel[®] VT7812

TPC-ET

Film Extrusion, Highly Breathable, Drying of Material Required

Print Date: 2024-09-17

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

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