Property Data (Provisional)

Envalior
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Arnitel® VT 3118

TPC–ET

Film Extrusion, Highly Breathable, Drying of Material Required, Food Contact Quality

Print Date: 2026–09–05

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	**VALUE**		
Melt volume–flow rate (MVR)	4	cm³/10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	10	kg	ISO 1133
MECHANICAL PROPERTIES	**VALUE**		
Shore D Hardness (3s)	56	–	ISO 868
Tensile modulus	120	MPa	ISO 527–1/–2
Stress at break	25	MPa	ISO 527–1/–2
Nominal strain at break	150	%	ISO 527–1/–2
Stress at 10% strain	10	MPa	ISO 527–1/–2
Stress at 100% strain	22.5	MPa	ISO 527–1/–2
Charpy notched impact strength (+23°C)	N	kJ/m²	ISO 179/1eA
Charpy notched impact strength (–30°C)	N	kJ/m²	ISO 179/1eA
Izod notched impact strength (+23°C)	N	kJ/m²	ISO 180/1A
Izod notched impact strength (–30°C)	N	kJ/m²	ISO 180/1A
THERMAL PROPERTIES	**VALUE**		
Melting temperature (10°C/min)	185	°C	ISO 11357–1/–3
OTHER PROPERTIES	**VALUE**		
Density	1250	kg/m³	ISO 1183
Water absorption	33	%	Sim. to ISO 62

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