

Arnitel® L-X08719 (PM650)

TPC-ET

Extrusion Grade

Properties	Typical Data	Unit	Test Method
Rheological properties			
	Value		
Melt volume-flow rate	4.5	cm ³ /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
Mechanical properties			
	Value		
Shore D Hardness (3s)	62	-	ISO 868
Tensile modulus	400	MPa	ISO 527-1/-2
Stress at break	26.8	MPa	ISO 527-1/-2
Nominal strain at break	200	%	ISO 527-1/-2
Stress at 5% strain	16.4	MPa	ISO 527-1/-2
Stress at 10% strain	22.2	MPa	ISO 527-1/-2
Stress at 50% strain	25.6	MPa	ISO 527-1/-2
Stress at 100% strain	27.1	MPa	ISO 527-1/-2
Charpy notched impact strength (+23°C)	37	kJ/m ²	ISO 179/1eA
Charpy notched impact strength (-30°C)	11	kJ/m ²	ISO 179/1eA
Izod notched impact strength (+23°C)	37	kJ/m ²	ISO 180/1A
Thermal properties			
	Value		
Melting temperature (10°C/min)	221	°C	ISO 11357-1/-3
Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	IEC 60695-11-10



Property Data (Provisional)

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Properties	Typical Data	Unit	Test Method
Density	1270	kg/m ³	ISO 1183

