

Arnitel® L-X08723(3107)

TPC-ET

44 Shore D, Injection Molding

Properties	Typical Data	Unit	Test Method
Rheological properties			
Melt volume-flow rate	25	cm ³ /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
Mechanical properties			
Tensile modulus	135	MPa	ISO 527-1/-2
Stress at break	20	MPa	ISO 527-1/-2
Stress at 10% strain	6.7	MPa	ISO 527-1/-2
Stress at 100% strain	12.3	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
Thermal properties			
Melting temperature (10°C/min)	220	°C	ISO 11357-1/-3
Other properties			
Density	1190	kg/m ³	ISO 1183
Water absorption	2.5	%	Sim. to ISO 62
Humidity absorption	0.4	%	Sim. to ISO 62

