

Arnitel® L-X08566

TPC-ET

Injection Molding

Properties	Typical Data	Unit	Test Method
Rheological properties			
	Value		
Melt volume-flow rate	43	cm ³ /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
Melt flow index MFI	39	g/10min	ISO 1133
MFI test load	2.16	kg	ISO 1133
MFI test temperature	230	°C	ISO 1133
Mechanical properties			
	Value		
Shore D Hardness (3s)	22	-	ISO 868
Shore A Hardness (3s)	77	-	ISO 868
Tensile modulus	17	MPa	ISO 527-1/-2
Stress at break	16	MPa	ISO 527-1/-2
Nominal strain at break	700	%	ISO 527-1/-2
Stress at 5% strain	0.9	MPa	ISO 527-1/-2
Stress at 10% strain	1.5	MPa	ISO 527-1/-2
Stress at 50% strain	3.5	MPa	ISO 527-1/-2
Stress at 100% strain	4.6	MPa	ISO 527-1/-2
Thermal properties			
	Value		
Melting temperature (10°C/min)	157	°C	ISO 11357-1/-3
Other properties			
	Value		
Density	1050	kg/m ³	ISO 1183

