

Arnitel® EE8479

TPC-ET

Injection Molding

Properties	Typical Data	Unit	Test Method
Rheological properties			
	Value		
Melt volume-flow rate	55	cm ³ /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
Molding shrinkage (parallel)	0.8	%	ISO 294-4
Molding shrinkage (normal)	1	%	ISO 294-4
Mechanical properties			
	Value		
Shore A Hardness (3s)	82	-	ISO 868
Tensile modulus	20	MPa	ISO 527-1/-2
Stress at break	12	MPa	ISO 527-1/-2
Nominal strain at break	900	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	N	kJ/m ²	ISO 179/1eA
Thermal properties			
	Value		
Melting temperature (10°C/min)	180	°C	ISO 11357-1/-3
Other properties			
	Value		
Density	1080	kg/m ³	ISO 1183
Water absorption	0.8	%	Sim. to ISO 62

