

Arnitel® EM250-08

TPC-ET

Injection Molding, Medium/High Viscosity

Properties	Typical Data	Unit	Test Method
Rheological properties			
Melt volume-flow rate	6	cm ³ /10min	ISO 1133
Temperature	190	°C	ISO 1133
Load	2.16	kg	ISO 1133
Mechanical properties			
Shore D Hardness (3s)	25	-	ISO 868
Stress at break	16	MPa	ISO 527-1/-2
Nominal strain at break	500	%	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
Izod notched impact strength (+23°C)	N	kJ/m ²	ISO 180/1A
Izod notched impact strength (-20°C)	N	kJ/m ²	ISO 180/1A
Thermal properties			
Melting temperature (10°C/min)	170	°C	ISO 11357-1/-3
Other properties			
Density	1080	kg/m ³	ISO 1183
Water absorption	0.8	%	Sim. to ISO 62

