

Arnitel[®] EL591

TPC-ET

Injection Molding

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	VALUE		
Melt volume-flow rate	27	cm ³ /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
MECHANICAL PROPERTIES	VALUE		
Shore D Hardness (3s)	55	—	ISO 868
Tensile modulus	270	MPa	ISO 527-1/-2
Stress at break	36	MPa	ISO 527-1/-2
Stress at 10% strain	14	MPa	ISO 527-1/-2
THERMAL PROPERTIES	VALUE		
Melting temperature (10°C/min)	207	°C	ISO 11357-1/-3
ELECTRICAL PROPERTIES	VALUE		
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
OTHER PROPERTIES	VALUE		
Density	1210	kg/m ³	ISO 1183

