

Arnitel[®] EL591

TPC-ET

Injection Molding

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES		VALUE	
Melt volume-flow rate	27	cm³/10min	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/m³	ISO 1183

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