

Arnitel[®] EL430

TPC-ET

Injection Molding, Food Contact Quality

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES		VALUE	
Melt volume-flow rate	33	cm³/10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
MECHANICAL PROPERTIES		VALUE	
Shore D Hardness (3s)	33	—	ISO 868
Shore A Hardness (3s)	92	—	ISO 868
Tensile modulus	47	MPa	ISO 527-1/-2
Stress at break	18	MPa	ISO 527-1/-2
Nominal strain at break	785	%	ISO 527-1/-2
THERMAL PROPERTIES		VALUE	
Melting temperature (10°C/min)	160	°C	ISO 11357-1/-3
OTHER PROPERTIES		VALUE	
Density	1130	kg/m³	ISO 1183

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