

# Arnitel<sup>®</sup> EE8479

## TPC-ET

Injection Molding

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
<b>RHEOLOGICAL PROPERTIES</b>			
	VALUE		
Melt volume-flow rate	55	cm <sup>3</sup> /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
<b>MECHANICAL PROPERTIES</b>			
	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 <sup>2</sup>	ISO 179/1eA
<b>THERMAL PROPERTIES</b>			
	VALUE		
Melting temperature (10°C/min)	180	°C	ISO 11357-1/-3
<b>OTHER PROPERTIES</b>			
	VALUE		
Density	1080	kg/m <sup>3</sup>	ISO 1183
Water absorption	0.8	%	Sim. to ISO 62

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