

Arnitel[®] FM8686

TPC-ET

Injection Molding or Extrusion Grade, Foam Applications

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<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
<i>RHEOLOGICAL PROPERTIES</i>			
	<i>VALUE</i>		
Melt flow index MFI	32	g/10min	ISO 1133
MFI test load	2.16	kg	ISO 1133
MFI test temperature	230	°C	ISO 1133
<i>MECHANICAL PROPERTIES</i>			
	<i>VALUE</i>		
Shore D Hardness (15s)	33	–	ISO 868
Tensile modulus	38	MPa	ISO 527-1/-2
Yield stress	6	MPa	ISO 527-1/-2
Yield strain	50	%	ISO 527-1/-2
Stress at break	20	MPa	ISO 527-1/-2
Stress at 10% strain	3	MPa	ISO 527-1/-2
Stress at 100% strain	6.6	MPa	ISO 527-1/-2
<i>THERMAL PROPERTIES</i>			
	<i>VALUE</i>		
Melting temperature (10°C/min)	195	°C	ISO 11357-1/-3
<i>OTHER PROPERTIES</i>			
	<i>VALUE</i>		
Density	1110	kg/m ³	ISO 1183

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