

# Arnitel<sup>®</sup> FM8686

## TPC-ET

Injection Molding or Extrusion Grade, Foam Applications

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
<b>RHEOLOGICAL PROPERTIES</b>			
	VALUE		
Melt flow index MFI	32	g/10min	ISO 1133
MFI test load	2.16	kg	ISO 1133
MFI test temperature	230	°C	ISO 1133
<b>MECHANICAL PROPERTIES</b>			
	VALUE		
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
<b>THERMAL PROPERTIES</b>			
	VALUE		
Melting temperature (10°C/min)	195	°C	ISO 11357-1/-3
<b>OTHER PROPERTIES</b>			
	VALUE		
Density	1110	kg/m <sup>3</sup>	ISO 1183

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