

Arnitel[®] FM8686

TPC-ET

Injection Molding or Extrusion Grade, Foam Applications

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	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
MECHANICAL PROPERTIES	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
THERMAL PROPERTIES	VALUE		
Melting temperature (10°C/min)	195	°C	ISO 11357-1/-3
OTHER PROPERTIES	VALUE		
Density	1110	kg/m³	ISO 1183