



PoliPIR PA66GF-1331

PA66, 33% Fiberglass Reinforced Natural Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.39/cc	1.39/cc	D792
Melt Flow Rate (2.16 kg, 280 °C)	65g/10min	65 g/10min	D1238
Ash (mineral)	33%	33%	D2584
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	21,000 psi	145 MPa	ISO 527
Tensile Strain (Break)	3%	3%	ISO527
Flexural Modulus	1,200,000 psi	8274MPa	ISO 178
Flex Strength	31,000 psi	214 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	1.5 t-lb/in	8.0 kJ/m²	ISO 180
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	504 °F	262 °C	ISO 11357

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