



PoliPIR PA66GF-3331

PA66, 33% Fiberglass Reinforced Black 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)	18,000 psi	124 MPa	ISO 527
Tensile Strain (Break)	3%	3%	ISO527
Flexural Modulus	1,100,000 psi	7,584MPa	ISO 178
Flex Strength	26,000 psi	179 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	1.3 t-lb/in	8.0 kJ/m ²	ISO 180

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	504 °F	262 °C	ISO 11357

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