



PoliPIR PA66GF-1330

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)	23,000 psi	159 MPa	ISO 527
Tensile Strain (Break)	3%	3%	ISO527
Flexural Modulus	1,250,000 psi	8620 MPa	ISO 178
Flex Strength	35,000 psi	241 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	1.6 t-lb/in	8.5 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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