



## PoliPIR PA66GF-3332

PA66, 33% Fiberglass Reinforced Black Pellets, HS

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.28/cc	1.28/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)	16,000 psi	110 MPa	ISO 527
Tensile Strain (Break)	3%	3%	ISO527
Flexural Modulus	800,000 psi	5500 MPa	ISO 178
Flex Strength	20,000 psi	138 MPa	ISO 178

  

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	1.4 t-lb/in	7.5kJ/m <sup>2</sup>	ISO 180

  

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

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