



PoliPIR PPCGF-3200

PPC, 20% Fiberglass Reinforced Black Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.05g/cc	1.05g/cc	D792
Melt Flow Rate (2.16 kg, 230 °C)	15 g/10min	15 g/10min	D1238
Ash (mineral)	20%	20%	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	7,250 psi	50 MPa	ISO 527
Tensile Strain (Break)	5%	5%	ISO527
Flexural Modulus	529,388 psi	3,650 MPa	ISO 178
Flex Strength	9,500 psi	66 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	1.1 ft-lb/in	6.0 kJ/m ²	ISO 180

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	324 °F	162 °C	ISO 11357

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