



## PoliPIR PPCTF-3200

PPC, 20% Talc Filled 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)	25 g/10min	25 g/10min	D1238
Ash (mineral)	20%	20%	D2584

  

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	7,600 psi	50 MPa	ISO 527
Tensile Strain (Break)	10%	10%	ISO527
Flexural Modulus	285,000 psi	1,965 MPa	ISO 178
Flex Strength	10,000psi	68 MPa	ISO 178

  

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	0.9 ft-lb/in	5.0 kJ/m²	ISO 180

  

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

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