



PoliPIR PPCTF-3300

PPC, 30% Talc Filled Black Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.13g/cc	1.13g/cc	D792
Melt Flow Rate (2.16 kg, 230 °C)	10 g/10min	10 g/10min	D1238
Ash (mineral)	30%	30%	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	2,500 psi	7,250 MPa	ISO 527
Tensile Strain (Break)	5%	5%	ISO527
Flexural Modulus	400,000 psi	2,750 MPa	ISO 178
Flex Strength	4,000 psi	28 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/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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