



PoliPIR PA66-3000

PA66, Unfilled Black Pellets, HS

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.14g/cc	1.14g/cc	D792
Melt Flow Rate (2.16 kg, 280 °C)	65 g/10min	65 g/10min	D1238
Ash (mineral)	-	-	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	9,000 psi	62 MPa	ISO 527
Tensile Strain (Break)	3%	3%	ISO527
Flexural Modulus	350,000 psi	2413 MPa	ISO 178
Flex Strength	13,000 psi	90 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	0.60 t-lb/in	3.5 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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