



## PoliPIR PA66GF-3150

PA66, 15% Glass Filled Black

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.39/cc	1.39/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)	15,664 psi	108 MPa	ISO 527
Tensile Strain (Break)	3%	3%	ISO527
Flexural Modulus	640,000 psi	4,410 MPa	ISO 178
Flex Strength	22,481 psi	155MPa	ISO 178

  

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	0.80 ft-lb/in	4.3 kJ/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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