



PoliPIR HIPS-3000

HIPS, General Purpose, Black

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.04 g/cc	1.04 g/cc	D792
Melt Flow Rate (3.80 kg, 230 °C)	4g/10min	4g/10min	D1238
Ash (mineral)	-	-	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	2,500 psi	17 MPa	ISO 527
Tensile Strain (Break)	10%	10%	ISO527
Flexural Modulus	220,00 psi	1517 MPa	ISO 178
Flex Strength	4,500 psi	31 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	1.5 ft-lb/in	8.0 kJ/m ²	ISO 180

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	-	-	ISO 11357

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