



PoliSAV PA6GM-3301

30% Glass/Mineral Filled PA6, Black

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.50g/cc	1.50 g/cc	D792
Melt Flow Rate (2.16 kg, 235 °C)	10 g/10min	10 g/10min	D1238
Ash	30%	30%	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	15,954 si	110MPa	ISO 527
Tensile Strain (Break)	3%	3%	ISO527
Flexural Modulus	1,000,000 psi	6,890 MPa	ISO 178
Flex Strength	26,107 psi	180MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	.94 ft-lb/in	5 kJ/m ²	ISO 180

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	428°F	220 °C	ISO 11357

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