



PoliSav PBTMG-4201

20% Mineral Filled PBT Resin, Grey

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.45 g/cc	1.45 g/cc	D792
Melt Flow Rate (2.16 kg, 250 °C)	10 g/10min	10 g/10min	D1238
Ash	20%	20%	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	13,800 psi	95 MPa	ISO 527
Tensile Strain (Break)	3%	3%	ISO527
Flexural Modulus	870,225 psi	6,000 MPa	ISO 178
Flex Strength	23,200 psi	160 MPa	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	437 °F	225 °C	ISO 11357

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