



PoliSAV PPCGF-3301

PPC, 30% Fiberglass Reinforced, Black

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.14g/cc	1.14g/cc	D792
Melt Flow Rate (2.16 kg, 230 °C)	10 g/10min	10 g/10min	D1238
Ash	30%	30%	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	7500 psi	52 MPa	ISO 527
Tensile Strain (Break)	5%	5%	ISO527
Flexural Modulus	650,000psi	4482 MPa	ISO 178
Flex Strength	10,500 psi	72 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	1.1 ft-lb/in	5.9 kJ/m ²	ISO 180

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	324 °F	162 °C	ISO 11357

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