



PolisAV PPE/PSGF-3200

PPE/PS, 20% Fiberglass Reinforced, Black

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.20 g/cc	1.20g/cc	D792
Melt Flow Rate (2.16 kg, 250 °C)	9.0 g/10min	9.0 g/10min	D1238
Ash (mineral)	20%	20%	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	13,000 psi	103 MPa	ISO 527
Tensile Strain (Break)	2 %	2 %	ISO527
Flexural Modulus	830,000 psi	6550 MPa	ISO 178
Flex Strength	23,500 psi	165 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	2.0 ft-lb/in	10.5 kJ/m ²	ISO 180

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	419 °F	215 °C	ISO 11357

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