



PolisAV PCABS-3000

PCABS, Unfilled Black Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.03 g/cc	1.03 g/cc	D792
Melt Flow Rate (2.16 kg, 260 °C)	12 g/10min	12 g/10min	D1238
Ash (mineral)	-	-	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	8,000 psi	55 MPa	ISO 527
Tensile Strain (Break)	3%	3%	ISO527
Flexural Modulus	300,000 psi	2,068 MPa	ISO 178
Flex Strength	11,000 psi	76 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	3.0 ft-lb/in	15.9 kJ/m ²	ISO 180

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

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