



# PolisAV ABS-3000

ABS, Unfilled, Utility Grade, Black

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.06 g/cc	1.06 g/cc	D792
Melt Flow Rate (3.80 kg, 230 °C)	8g/10min	8g/10min	D1238
Ash (mineral)	-	-	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	6,000 psi	41 MPa	ISO 527
Tensile Strain (Break)	2%	3%	ISO527
Flexural Modulus	300,000 psi	2,068 MPa	ISO 178
Flex Strength	9,000 psi	62 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	2.0 ft-lb/in	10.7 kJ/m <sup>2</sup>	ISO 180

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

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