



PoliSAV POMH-3001

POM, Unmodified, Black, Homopolymer

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.42 g/cc	1.42 g/cc	D792
Melt Flow Rate (2.16 kg, 250 °C)	10 g/10min	10 g/10min	D1238
Ash	-	-	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	10,000 psi	69 MPa	ISO 527
Tensile Strain (Break)	5%	5%	ISO527
Flexural Modulus	400,000 psi	2,759 MPa	ISO 178
Flex Strength	11,000psi	76 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	1.0 ft-lb/in	5.5 kJ/m ²	ISO 180

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	347 °F	175 °C	ISO 11357

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