



PoliSAV POMC-3001

POM, Unmodified, Black, Copolymer

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.41g/cc	1.41 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)	7,977 psi	55 MPa	ISO 527
Tensile Strain (Break)	5%	5%	ISO527
Flexural Modulus	362,594 psi	2500 MPa	ISO 178
Flex Strength	10,440 psi	72 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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