



PoliSAV PMMA-3001

PMMA, Black

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.18g/cc	1.18 g/cc	D792
Melt Flow Rate (2.16 kg, 250 °C)	5 g/10min	5 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)	7%	7%	ISO527
Flexural Modulus	425,000 psi	2,930 MPa	ISO 178
Flex Strength	14,500 psi	100 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	0.30 ft-lb/in	1.5kJ/m ²	ISO 180

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	320°F	160 °C	ISO 11357

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