



PoliPIR ASA-3000

ASA, Unfilled Black Pellets, Utility Grade

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.06 g/cc	1.06 g/cc	D792
Melt Flow Rate (2.10 kg, 220 °C)	8 g/10 min	8 g/10min	D1238
Ash	-	-	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	7,000 psi	48 MPa	ISO 527
Tensile Strain (Break)	10 %	10 %	ISO 527
Flexural Modulus	350,000 psi	2,400 MPa	ISO 178
Flex Strength	10,500 psi	72 MPa	ISO 178
Hardness	-	-	D2240

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	0.8 ft-lb/in	4.3 kJ/m ²	ISO 180

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

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