



## PoliSAV PA6GF-3300

Nylon 6, 30% Fiberglass Reinforced, Blac., Heat Stabilized

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.40 g/cc	1.40g/cc	D792
Melt Flow Rate (2.16 kg, 235 °C)	70 g/10min	70 /10min	D1238
Ash	30%	30%	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	20,000 psi	138 MPa	ISO 527
Tensile Strain (Break)	2%	3%	ISO527
Flexural Modulus	1,000,000 psi	6,895 MPa	ISO 178
Flex Strength	30,000 psi	207MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	1.2 ft-lb/in	6.4 kJ/m <sup>2</sup>	ISO 180

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	430 °F	221 °C	ISO 11357

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