



PoliSAV™ PA66GM-3381

Nylon 66, 38% Fiberglass/Mineral Reinforced Black Pellets, HS

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.47 g/cc	1.47 g/cc	D792
Ash (glass-fiber)	38 %	38 %	D2584

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	17000 psi	117 MPa	D638
Tensile Strain (Break)	4 %	4 %	D638
Flexural Modulus	1600000 psi	11032 MPa	D790
Flex Strength	30000 psi	207 MPa	D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	1.0 ft-lb/in	5.5 kJ/m²	D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	502 °F	261 °C	DSC



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