



## PoliPIR PPE/PSGF-3300

PPE/PS, 30% Fiberglass Reinforced, Black

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.29 g/cc	1.29g/cc	D792
Melt Flow Rate (2.16 kg, 250 °C)	7.0 g/10min	7.0 g/10min	D1238
Ash (mineral)	30%	30%	D2584

  

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	15,000 psi	103 MPa	ISO 527
Tensile Strain (Break)	2 %	2 %	ISO527
Flexural Modulus	950,000 psi	6550 MPa	ISO 178
Flex Strength	24,000 psi	165 MPa	ISO 178

  

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength 23°C	1.95 ft-lb/in	10.5 kJ/m <sup>2</sup>	ISO 180

  

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	419 °F	215 °C	ISO 11357

### Legal Disclaimer

The information presented here is accurate and reliable. Because conditions of use are beyond our control, we make no warranties, expressed or implied and specifically exclude any and all warranties of merchantability and fitness for a particular purpose. Our products are sold with the express understanding that our customers will conduct their own tests to determine the suitability of the material for their particular use. Nothing herein shall be construed as permission or recommendation to practice a patented invention without a license. The sole liability for Niche Polymer for any claims arising out of the manufacturer, use or sale of its products shall be for our customers purchase price or material replacement.

