



PoliSAV™ PBTGF-3301

PBT,30% Fiberglass Reinforced Black Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	1.53 g/cc	1.53 g/cc	D792
Melt Flow Rate (2.16 kg, 250 °C)	Per Request	Per Request	D1238
Ash (glass-fiber)	30 %	30 %	D2584
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	15000 psi	103 MPa	D638
Tensile Strain (Break)	4 %	4 %	D638
Flexural Modulus	1400000 psi	9653 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	437 °F	225 °C	DSC



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.

