



## PoliSAV PPCGF-3200

PPC, 20% Fiberglass Reinforced, Black

| Physical                            | Nominal Value (English) | Nominal Value (SI) | Test Method |
|-------------------------------------|-------------------------|--------------------|-------------|
| Specific Gravity                    | 1.14g/cc                | 1.14g/cc           | D792        |
| Melt Flow Rate<br>(2.16 kg, 230 °C) | 10 g/10min              | 10 g/10min         | D1238       |
| Ash                                 | 20%                     | 20%                | D2584       |

| Mechanical               | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--------------------------|-------------------------|--------------------|-------------|
| Tensile Strength (Break) | 9,500 psi               | 66 MPa             | ISO 527     |
| Tensile Strain (Break)   | 5%                      | 5%                 | ISO527      |
| Flexural Modulus         | 750,000 psi             | 5171MPa            | ISO 178     |
| Flex Strength            | 11,000 psi              | 76 MPa             | ISO 178     |

| Impact                               | Nominal Value (English) | Nominal Value (SI)    | Test Method |
|--------------------------------------|-------------------------|-----------------------|-------------|
| Notched Izod Impact Strength<br>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 | 324 °F                  | 162 °C             | ISO 11357   |

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