

Pro-Comp™ PPBGF20-E

Polypropylene Impact Copolymer

Southland Polymers

Message:

Procomp Enhanced Impact grades of glass filled polypropylene are specifically formulated to provide high stiffness while also offering good impact resistance.

| General Information | | | |
|-----------------------------------|----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Glass Fiber,20% Filler by Weight | | |
| Features | Good Impact Resistance | | |
| | High Stiffness | | |
| | Impact Copolymer | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.04 | g/cm ³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 45.3 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 6.0 | % | ASTM D638 |
| Flexural Modulus | 2000 | MPa | ASTM D790 |
| Flexural Strength | 55.2 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 150 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load | | | ASTM D648 |
| 0.45 MPa, Unannealed | 143 | °C | |
| 1.8 MPa, Unannealed | 116 | °C | |

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