

Lucent PP GPP-220

Polypropylene

Lucent Polymers, Inc.

Message:

20% Glass Fiber Reinforced, Chemically Coupled, Impact Modified Polypropylene

Melt Flow Adjustable for Application

Colors Available

Add "U" for UV Stabilized

Add "H" for Heat Stabilized

| General Information | | | |
|---------------------------------------------------------|----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Glass Fiber,20% Filler by Weight | | |
| Additive | Impact Modifier | | |
| Features | Chemically Coupled | | |
| | Impact Modified | | |
| Appearance | Colors Available | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.04 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow (3.18 mm) | 0.50 | % | |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 56.5 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 5.0 | % | ASTM D638 |
| Flexural Modulus | 2930 | MPa | ASTM D790 |
| Flexural Strength | 72.4 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (3.18 mm) | 110 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 127 | °C | ASTM D648 |

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