

PrimaFlex® GP 1400-G

General Purpose Polystyrene

Plastic Solutions, Inc.

Message:

Description: GP 1400-G is a high flow general purpose crystal polystyrene for compounding in granular form

| General Information | | | |
|--|-----------------|----------|-------------|
| Features | Crystalline | | |
| | General Purpose | | |
| | High Flow | | |
| Uses | Compounding | | |
| | Masterbatch | | |
| Forms | Granules | | |
| Processing Method | Compounding | | |
| Physical | Nominal Value | Unit | Test Method |
| Melt Mass-Flow Rate (MFR) (200°C/5.0 kg) | 14 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 3170 | MPa | ASTM D638 |
| Tensile Strength (Yield) | 42.7 | MPa | ASTM D638 |
| Flexural Modulus | 3310 | MPa | ASTM D790 |
| Flexural Strength | 76.5 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 21 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 78.3 | °C | ASTM D648 |
| Vicat Softening Temperature | 98.3 | °C | ASTM D1525 |

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