

## Technical Data Sheet

### *Polyfort* CPP-0220UGY7510GRY



Polypropylene, Unspecified (PP, Unspecified)

#### Product Description

20% Calcium Carbonate Filled, Impact Modified Polypropylene Melt Flow Adjustable for Application Colors Available  
Add "U" for UV Stabilized Add "H" for Heat Stabilized

|                      |                        |
|----------------------|------------------------|
| Processing Method    | Injection Molding      |
| Attribute            | Impact Modified        |
| Appearance           | Colors Available       |
| Additive             | Impact Modifier        |
| Filler/Reinforcement | Calcium Carbonate, 20% |

| Typical Properties                                     | Nominal Value | Units             | Test Method |
|--------------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                        |               |                   |             |
| Density - Specific Gravity                             | 1.05          | g/cm <sup>3</sup> | ASTM D792   |
| <b>Mechanical</b>                                      |               |                   |             |
| Tensile Strength at Yield                              | 24.1          | MPa               | ASTM D638   |
| Flexural Modulus                                       | 1590          | MPa               | ASTM D790   |
| Tensile Elongation at Break                            | >10           | %                 | ASTM D638   |
| Flexural Strength                                      | 41.4          | MPa               | ASTM D790   |
| <b>Impact</b>                                          |               |                   |             |
| Notched Izod Impact, (3.18 mm)                         | 96            | J/m               | ASTM D256   |
| <b>Thermal</b>                                         |               |                   |             |
| Deflection Temperature Under Load Unannealed (264 psi) | 60            | °C                | ASTM D648   |

| Injection Parameters   | Nominal Value | Units |
|------------------------|---------------|-------|
| Drying Time            | 2.0 to 3.0    | hr    |
| Drying Temperature     | 80            | °C    |
| Processing (Melt) Temp | 220 to 260    | °C    |
| Mold Temperature       | 30 to 60      | °C    |