

PRL PCSF-FRG30

PC-GF30

Polymer Resources, Ltd.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 7.5 | g/10min | ASTM D 1238 |
| Temperature | 300 | °C | - |
| Load | 1.2 | kg | - |
| Mold Shrinkage, MD | 0.002 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 124 | MPa | ASTM D 638 |
| Tensile Strength at Break | 124 | MPa | ASTM D 638 |
| Flexural Modulus | 6895 | MPa | ASTM D 790 |
| Flexural Strength | 152 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 80.1 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| DTUL @ 66 psi | 152 | °C | ASTM D 648 |
| DTUL @ 264 psi | 146 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1430 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Structural Foam

Features

Foamable

Additives

Flame retarding agent

Regional Availability

North America

Special Characteristics

Flame retardant, High impact or impact modified, Heat stabilized or stable to heat