# Karilen-P H 2030 GFC1

PP-GF30 Polyram

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| Melt flow index, MFI | **2.5** | g/10min | ISO 1133 |
| Temperature | **230** | °C | - |
| Load | **2.16** | kg | - |
| Molding shrinkage, parallel | **0.3** | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | **0.8** | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| Tensile Modulus | **5500** | MPa | ISO 527 |
| Tensile Strength | **70** | MPa | ISO 527 |
| Strain at break | **5** | % | ISO 527 |
| Flexural strength | **90** | MPa | ISO 178 |
| Charpy impact strength, +23°C | **58** | kJ/m² | ISO 179/1eU |
| Charpy impact strength, -30°C | **53** | kJ/m² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | **15** | kJ/m² | ISO 179/1eA |
| Charpy notched impact strength, -30°C | **8** | kJ/m² | ISO 179/1eA |

| Thermal properties | Value | Unit | Test Standard |
|---|---|---|---|
| **ISO Data** | | | |
| Temp. of deflection under load, 1.80 MPa | **137** | °C | ISO 75-1/-2 |

| Electrical properties | Value | Unit | Test Standard |
|---|---|---|---|
| **Other Standards[S]** | | | |
| Volume resistivity | **0.12** | Ohm*m | Producer Method |
| Surface resistivity | **14** | Ohm | DIN 53482 |

S: These properties are reported by the producer according standards that are different to our defaults.

| Other properties | Value | Unit | Test Standard |
|---|---|---|---|
| Density | **1120** | kg/m³ | ISO 1183 |

## Characteristics

**Delivery form**
Natural Color

**Features**
Homopolymer

**Special Characteristics**
Heat stabilized or stable to heat

**Regional Availability**
North America, Europe, Asia Pacific, South and Central America, Near East/Africa