

Product Texts

| | |
|------------------|-----------------------|
| Base Polymer | Polypropylene |
| Filler | 30% glass fiber |
| Colour | black |
| Special Features | processing stabilized |
| Market Segment | Automotive, Various |

Processing/Physical Characteristics

| | Value | Unit | Test Standard |
|----------------------------|-------|------------------------|---------------|
| ISO Data | | | |
| Melt volume-flow rate, MVR | 15 | cm ³ /10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

Mechanical properties

| | Value | Unit | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 5000 | MPa | ISO 527 |
| Tensile Strength | 55 | MPa | ISO 527 |
| Strain at break | 3 | % | ISO 527 |
| Charpy impact strength, +23°C | 35 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 7 | kJ/m ² | ISO 179/1eA |

Thermal properties

| | Value | Unit | Test Standard |
|--------------------------------|-------|------|----------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 160 | °C | ISO 11357-1/-3 |
| Vicat softening temperature, B | 110 | °C | ISO 306 |

Other properties

| | Value | Unit | Test Standard |
|--------------------------|-------|---------------------------|------------------|
| Density | 1120 | kg/m ³ | ISO 1183 |
| Global warming potential | 0.36 | kg CO ₂ eq./kg | ISO 14040, 14044 |

Processing Recommendation Injection Molding

| | Value | Unit | Test Standard |
|--------------------------|-----------|------|---------------|
| Pre-drying - Temperature | 80 - 100 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Processing humidity | ≤0.1 | % | - |
| Melt temperature | 200 - 270 | °C | - |
| Mold temperature | 20 - 60 | °C | - |

Characteristics**Processing**

Injection Molding

Applications

Automotive

Delivery form

Black

Regional Availability

Europe

Certifications

Recycled Resin Content