

The minimum recycled content of this PCR plastic material amounts to 97%.

| Rheological properties | Value | Unit | Test Standard |
|------------------------|-------|---------|---------------|
| ISO Data | | | |
| Melt Flow Index, MFI | 6 | g/10min | ISO 1133 |
| MFI temperature | 220 | °C | - |
| MFI load | 10 | kg | - |

| Mechanical Properties | Value | Unit | Test Standard |
|--------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 2000 | MPa | ISO 527 |
| Yield stress | 28 | MPa | ISO 527 |
| Stress at Break | 25 | MPa | ISO 527 |
| Notched Impact Strength (Izod), 23°C | 11 | kJ/m ² | ISO 180/1A |
| Impact Strength (Izod), 23°C | 33 | kJ/m ² | ISO 180/1U |

| Thermal Properties | Value | Unit | Test Standard |
|---|-------|------|---------------|
| ISO Data | | | |
| Vicat softening temperature, 50°C/h 50N | 88 | °C | ISO 306 |

| Other Properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Density | 1050 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-------|------|---------------|
| Pre-drying - Temperature | 70 | °C | - |
| Pre-drying - Time | 1 - 2 | h | - |
| Melt temperature | 210 | °C | - |
| Mold temperature | 40 | °C | - |

| Processing Recommendation Extrusion | Value | Unit | Test Standard |
|-------------------------------------|-------|------|---------------|
| Pre-drying - Temperature | 70 | °C | - |
| Pre-drying - Time | 1 - 2 | h | - |
| Melt temperature | 190 | °C | - |

Characteristics

Processing

Injection Molding, Other Extrusion

Certifications

Recycled Resin Content

Delivery form

Black

Applications

General Purpose

Disclaimer

Liability Exclusion

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