

Product Texts

Regranulated polypropylene from ocean-bound plastic waste.
Origin of material: 100% ocean-bound material.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 5 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 1490 | MPa | ISO 527 |
| Yield stress | 32 | MPa | ISO 527 |
| Yield strain | 8.7 | % | ISO 527 |
| Flexural modulus, 23°C | 1250 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 108 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 3.3 | kJ/m ² | ISO 179/1eA |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 920 | kg/m ³ | ISO 1183 |
| Moisture Content | 1 | % | - |

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Natural Color

Certifications

Recycled Resin Content

Regional Availability

North America, Europe, Asia Pacific