

Product Texts

| | |
|------------------|---------------------|
| Base Polymer | PP/EPDM |
| Filler | 10% talc |
| Colour | black |
| Special Features | UV stabilised |
| Market Segment | Automotive, Various |

Processing/Physical Characteristics

| | Value | Unit | Test Standard |
|-----------------------------|-------|------------------------|-----------------|
| ISO Data | | | |
| Melt volume-flow rate, MVR | 14 | cm ³ /10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Melt flow index, MFI | 11 | g/10min | ISO 1133 |
| Molding shrinkage, parallel | 1.2 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.8 | % | ISO 294-4, 2577 |

Mechanical properties

| | Value | Unit | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 1200 | MPa | ISO 527 |
| Tensile Strength | 15 | MPa | ISO 527 |
| Strain at break | 80 | % | ISO 527 |
| Flexural modulus, 23°C | 1100 | MPa | ISO 178 |
| Flexural strength | 21 | MPa | ISO 178 |
| Charpy impact strength, +23°C | N | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 40 | kJ/m ² | ISO 179/1eA |
| Shore D hardness | 55 | - | ISO 7619-1 |

Thermal properties

| | Value | Unit | Test Standard |
|--|-------|------|----------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 164 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 54 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 54 | °C | ISO 306 |

Other properties

| | Value | Unit | Test Standard |
|---------|-------|-------------------|---------------|
| Density | 970 | kg/m ³ | ISO 1183 |

Processing Recommendation Injection Molding

| | Value | Unit | Test Standard |
|--------------------------|-----------|------|---------------|
| Pre-drying - Temperature | 60 - 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

Delivery form

Black

Special Characteristics

U.V. stabilized or stable to weather

Certifications

Recycled Resin Content

Applications

Automotive

Regional Availability

Europe