

Product Texts

For Diesel

Processing/Physical Characteristics

| | Value | Unit | Test Standard |
|-----------------------------|-------|------------------------|-----------------|
| ISO Data | | | |
| Melt volume-flow rate, MVR | 12 | cm ³ /10min | ISO 1133 |
| Temperature | 190 | °C | - |
| Load | 2.16 | kg | - |
| Melt flow index, MFI | 14 | g/10min | ISO 1133 |
| Temperature | 190 | °C | - |
| Load | 2.16 | kg | - |
| Molding shrinkage, parallel | 2.3 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 2.2 | % | ISO 294-4, 2577 |

Mechanical properties

| | Value | Unit | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 2800 | MPa | ISO 527 |
| Tensile Strength | 65 | MPa | ISO 527 |
| Nominal strain at break | 32 | % | ISO 527 |
| Flexural modulus, 23°C | 2650 | MPa | ISO 178 |
| Flexural strength | 89 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 7 | kJ/m ² | ISO 179/1eA |

Thermal properties

| | Value | Unit | Test Standard |
|---|-------|-------|----------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 95 | °C | ISO 75-1/-2 |
| Coeff. of linear therm. expansion, parallel | 100 | E-6/K | ISO 11359-1/-2 |
| Coeff. of linear therm. expansion, normal | 120 | E-6/K | ISO 11359-1/-2 |

Electrical properties

| | Value | Unit | Test Standard |
|---------------------|-------|-------|---------------|
| ISO Data | | | |
| Volume resistivity | 7E11 | Ohm*m | IEC 62631-3-1 |
| Surface resistivity | 2E15 | Ohm | IEC 62631-3-2 |

Other properties

| | Value | Unit | Test Standard |
|---------|-------|-------------------|---------------|
| Density | 1420 | kg/m ³ | ISO 1183 |

Characteristics**Applications**

Automotive

Regional Availability

Asia Pacific