

Dexflex 711

Compounded Polyolefin

Product Description

Dexflex 711 is a thermoplastic olefinic elastomer (TPO) compounded with postindustrial/ post-consumer recycled materials. It is designed for use in applications that are black but not color-matched, and that require very good processing characteristics

Product Characteristics

| | |
|--------------------------------------|---|
| Status | Commercial: Active |
| Test Method used | ISO |
| Processing Methods | Injection Molding |
| Features | Good Processability |
| Typical Customer Applications | Exterior Applications, Under-the-Hood & Structural Applications |

| Typical Properties | Method | Value | Unit |
|---|---------------|-------|-------------------|
| Physical | | | |
| Density | ISO 1183 | 0.95 | g/cm ³ |
| Melt flow rate (MFR) (230 °C/ 2.16 kg) | ISO 1133 | 12 | g/10 min |
| Mechanical | | | |
| Tensile Stress at Yield (50 mm/min) <i>Note: 150x10x4 mm specimen</i> | ISO 527-1, -2 | 16 | MPa |
| Flexural modulus (2 mm/min) <i>Note: 80x10x4mm specimen</i> | ISO 178 | 1000 | MPa |
| Impact | | | |
| Multiaxial Impact Strength (23 °C, 2.2 m/s) | ASTM D3763 | 17 | J |
| Additional Information | | | |
| Mold shrinkage | ISO 294-4 | | |
| <i>Note: Please contact LyondellBasell for shrinkage recommendations.</i> | | | |

Notes

Typical properties; not to be construed as specifications.

