

DEXFLEX® 711

Thermoplastic Polyolefin Elastomer

LyondellBasell Advanced Polyolefins USA, Inc.

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.

Applications:

Under-the-Hood & Structural Applications, Exterior Applications

General

| | |
|------------------------|---|
| Filler / Reinforcement | • Unspecified Filler\Reinfor. |
| Recycled Content | • Yes |
| Features | • Good Processability |
| Uses | • Automotive Applications • Automotive Under the Hood |
| Appearance | • Black |

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|-------------------|--------------|
| Density | 0.950 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 12 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress ² (Yield) | 16.0 | MPa | ISO 527-2/50 |
| Flexural Modulus ^{3, 4} | 1000 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Instrumented Dart Impact (23°C) | 17.0 | J | ASTM D3763 |

Notes

¹ Typical properties: these are not to be construed as specifications.

² 150x10x4 mm

³ 2.0 mm/min

⁴ 80x10x4 mm

