

DEXFLEX® 711-300 BLK

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Dexflex 711-300 BLK is a thermoplastic olefinic elastomer (TPO) compounded with post-industrial/post-consumer recycled materials. It is typically used for use in applications that are black but not color-matched, and that require very good processing characteristics.

| General Information | | |
|---|--|-------------------|
| Recycled Content | Yes | |
| Features | Workability, good | |
| Uses | Application in Automobile Field Automotive exterior parts | |
| Processing Method | Injection molding | |
| Physical | Nominal Value | Unit |
| Density (23°C) | 1.08 | g/cm ³ |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 10 | g/10 min |
| Mechanical | Nominal Value | Unit |
| Tensile Strength ¹ (Yield, 23°C) | 18.0 | MPa |
| Flexural Modulus ² (23°C) | 2000 | MPa |
| Impact | Nominal Value | Unit |
| Multi-Axial Instrumented Impact Energy ³ (23°C, 3.20 mm) | 15.0 | J |
| NOTE | | |
| 1. | 50 mm/min | |
| 2. | 2.0 mm/min | |
| 3. | 2.2 m/sec | |

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