

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