



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
Availability	North America
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.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
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Users should review the applicable Material Safety Data Sheet before handling the product.

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