



Dexflex 810-1

Compounded Polyolefin

Product Description

Dexflex 810-1 is a thermoplastic olefinic elastomer (TPO) that offers excellent weatherability, paintability and processability. Dexflex 810-1 was designed for fascia applications that must meet or exceed the requirements of US 5-mph bumper-impact regulations.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Injection Moulding
Features	Paintable, Good Processability, Good Weather Resistance
Typical Customer Applications	Exterior Applications, Bumpers

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.93 g/cm ³
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	9 g/10 min
Mechanical		
Tensile Stress at Yield (50 mm/min) <i>Note: 150x10x4 mm specimen</i>	ISO 527-1, -2	17.0 MPa
Flexural modulus (2 mm/min) <i>Note: 80x10x4mm specimen</i>	ISO 178	880 MPa
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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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

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