



Dexflex E1800

Compounded Polyolefin

Product Description

Dexflex E1800 thermoplastic olefin (TPO) is low-cost material designed for extruded and thermoformed applications. This product is not UV stabilized and is aimed at general-purpose use where extreme performance is not required.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Extrusion Thermoforming
Features	Good Stiffness
Typical Customer Applications	Panels & Profiles, Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.90 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	0.5 g/10 min
Mechanical		
Tensile Stress at Yield (50 mm/min) <i>Note: 150x10x4 mm specimen</i>	ISO 527-1, -2	28.0 MPa
Flexural modulus (2 mm/min) <i>Note: 80x10x4mm specimen</i>	ISO 178	1240 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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