



Dexflex 727

Compounded Polyolefin

Product Description

Dexflex 727 is a thermoplastic olefinic elastomer (TPO) designed for automotive exterior applications that require a combination of stiffness, good low-temperature impact resistance and excellent processability.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Low Temperature Impact Resistance, Paintable, Good Processability, Good Stiffness, Good Weather Resistance
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.97	g/cm ³
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	14	g/10 min
Mechanical			
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	19	MPa
<i>Note: 150x10x4 mm specimen</i>			
Flexural modulus (2 mm/min)	ISO 178	1320	MPa
<i>Note: 80x10x4mm specimen</i>			
Impact			
Multiaxial Impact Strength (23 °C, 2.2 m/s)	ASTM D3763	18	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
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Users should review the applicable Material Safety Data Sheet before handling the product.

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