



Dexflex 815

Compounded Polyolefin

Product Description

Dexflex 815 is a thermoplastic olefinic elastomer (TPO) designed for exterior automotive applications that require a combination of stiffness, low-temperature impact resistance and excellent processability.

Product Characteristics

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

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.92	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	20	g/10 min
Mechanical			
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	20.0	MPa
<i>Note: 150x10x4 mm specimen</i>			
Flexural modulus (2 mm/min)	ISO 178	1050	MPa
<i>Note: 80x10x4mm specimen</i>			
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.