



Dexflex 980

Compounded Polyolefin

Product Description

Dexflex 980 is a thermoplastic olefinic elastomer (TPO) designed for automotive applications that require excellent low-temperature properties, high flow characteristics, and durable paintability in exterior body colors.

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	High Flow , Low Temperature Impact Resistance, Paintable
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	13	g/10 min
Mechanical			
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	18.0	MPa
<i>Note: 150x10x4 mm specimen</i>			
Flexural modulus (2 mm/min)	ISO 178	820	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>			