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

Test Method used	ISO
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/cm³
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
Note: 150x10x4 mm specimen			
Flexural modulus (2 mm/min)	ISO 178	1320	MPa
Note: 80x10x4mm specimen			
Impact			
Multiaxial Impact Strength (23 °C, 2.2 m/s)	ASTM D3763	18	J
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			