

# DEXFLEX® 727 FP BLK

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

## Message:

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

General Information			
Features	Good Processability		
	Good Stiffness		
	Good Weather Resistance		
	Low Temperature Impact Resistance		
	Paintable		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup> (Yield, 4.00 mm)	19.0	MPa	ISO 527-2/50
Flexural Modulus (4.00 mm)	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact <sup>2</sup> (23°C)	18.0	J	ASTM D3763
NOTE			
1.	150x10x4 mm specimen		
2.	2.20 m/sec		

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