

# DEXFLEX® D45 BLK AP

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

## Message:

Dexflex D45 BLK AP is a thermoplastic olefinic elastomer (TPO) that is typically used for automotive exterior applications that require excellent low-temperature properties and excellent weatherability.

General Information		
Features	Low temperature resistance	
	Good weather resistance	
Uses	Application in Automobile Field	
	Automotive exterior parts	
Processing Method	Injection molding	
Physical	Nominal Value	Unit
Density (23°C)	0.900	g/cm <sup>3</sup>
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min
Mechanical	Nominal Value	Unit
Tensile Strength <sup>1</sup> (Yield, 23°C)	11.5	MPa
Flexural Modulus <sup>2</sup> (23°C)	380	MPa
Impact	Nominal Value	Unit
Multi-Axial Instrumented Impact Energy <sup>3</sup> (23°C, 3.20 mm)	25.0	J
NOTE		
1.	50 mm/min	
2.	2.0 mm/min	
3.	2.2 m/sec	

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