

Technical Data Sheet

Dexflex D45 BLK AP



Polypropylene Compounds

Product Description

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.

Application	Automotive Parts; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	13.0	g/10 min	ISO 1133-1
Density, (23 °C)	0.92	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C, 2 mm/min)	1150	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	22	MPa	ISO 527-1, -2
Impact			
Multi-axial Impact Strength, (23° C, 2.2 m/s, 3.2 mm plaque)	20	J	ASTM D3763
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			