

# REVOLVE® N-259

Polyethylene  
Matrix Polymers

**Message:**  
Revolve n-259 is a fully formulated black rotomoulding resin suitable in applications where stiffness is a requirement. This grade presents excellent stiffness, good impact strength and toughness.

General Information			
Additive	UV Stabilizer		
Features	Good Impact Resistance		
	Good Moldability		
	Good Toughness		
	High Hardness		
	High Stiffness		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.939	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)	3.2	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance			ASTM D1693
10% Igepal	80.0	hr	
100% Igepal	250	hr	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	21.0	MPa	ISO 527-2/50
Flexural Modulus <sup>1</sup>	800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Low Temperature Impact - ARM (3.00 mm)	95.0	J	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	47.0	°C	ISO 75-2/B
NOTE			
1.	1.3 mm/min		

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