

REVOLVE® N-324

Linear Medium Density Polyethylene

Matrix Polymers

Message:

Revolve N-324 is a linear medium density rotomoulding resin designed especially for the production of larger items, such as tanks. The material combines good flow characteristics with high level of stiffness with an excellent impact strength.

General Information			
Additive	UV Stabilizer		
Features	Good Flow		
	Good Impact Resistance		
	High Hardness		
	High Stiffness		
Uses	Tanks		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Granules		
	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	4.5	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance			ASTM D1693
10% Igepal	65.0	hr	
100% Igepal	521	hr	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	19.0	MPa	ISO 527-2/50
Flexural Modulus ¹	650	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
ARM Impact (3.00 mm)	61.0	J	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	48.0	°C	ISO 75-2/A
NOTE			
1.	1.3 mm/min		

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Recommended distributors for this material

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