

# REVOLVE® N-332

Low Density Polyethylene

Matrix Polymers

Message:

Revolve N-332 is a rotational moulding low density polyethylene grade. It has been designed to provide wide processing window, excellent toughness without compromising impact strength and mouldability. The grade is UV8 stabilised and it has outstanding ESCR.

General Information			
Additive	Long Term UV-8 Stabilizer		
Features	Good Impact Resistance		
	Good Moldability		
	Good Processability		
	Good Toughness		
	High ESCR (Stress Crack Resist.)		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	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	> 1000	hr	
100% Igepal	> 1000	hr	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	10.5	MPa	ISO 527-2/50
Flexural Modulus <sup>1</sup>	250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
ARM Impact (-40°C, 3.00 mm)	11.3	J	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	45.0	°C	ISO 75-2/B
NOTE			
1.	1.3 mm/min		

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