

REVOLVE® N-461

Polyethylene
Matrix Polymers

Message:

Revolve N-461 is a rotational moulding polyethylene general purpose grade. It has been designed to provide wide processing window, excellent mouldability without compromising impact strength. The grade is UV8 stabilised.

General Information			
Additive	Long Term UV-8 Stabilizer		
Features	General Purpose		
	Good Impact Resistance		
	Good Moldability		
	Good Processability		
Uses	General Purpose		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	9.1	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	16.0	MPa	ISO 527-2/50
Flexural Modulus ¹	550	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
ARM Impact (-40°C, 3.00 mm)	85.0	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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