

REVOLVE® N-265

Polyethylene
Matrix Polymers

Message:

Revolve N-265 is a fully formulated rotational moulding grade especially suitable for general purpose applications where extra impact strength is required. This grade is ideal for applications such as small tanks and other "industrial" items. This grade is also suitable for ESCR and chemical resistance applications.

General Information			
Additive	UV Stabilizer		
Features	Ductile		
	General Purpose		
	Good Chemical Resistance		
	Good Impact Resistance		
	Good Moldability		
	Good Stiffness		
	High ESCR (Stress Crack Resist.)		
Uses	General Purpose		
	Industrial Applications		
	Tanks		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	3.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance			ASTM D1693
10% Igepal	600	hr	
100% Igepal	> 1000	hr	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	15.7	MPa	ISO 527-2/50
Flexural Modulus ¹	605	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Low Temperature Impact - ARM (3.00 mm)	72.9	J	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa, Unannealed)	46.0	°C	ISO 75-2/B
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NOTE

1. 1.3 mm/min

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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