

REVOLVE® M-716

Polyethylene
Matrix Polymers

Message:

Revolve M-716 is a rotational moulding polyethylene general purpose grade designed to provide conductivity and still maintain wide processing window, excellent mouldability and good impact strength. The grade is suitable for food contact applications.

General Information			
Features	Electrically Conductive		
	Food Contact Acceptable		
	General Purpose		
	Good Impact Resistance		
	Good Moldability		
	Good Processability		
Uses	General Purpose		
Appearance	Black		
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)	7.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance			ASTM D1693
10% Igepal	50.0	hr	
100% Igepal	1000	hr	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	16.8	MPa	ISO 527-2/50
Flexural Modulus ¹	645	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
ARM Impact (-40°C, 3.00 mm)	102	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		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

