

REVOLVE® M-687

Ethylene-based Plastomer

Matrix Polymers

Message:

Revolve M-687 is a rotational moulding metallocene plastomer grade designed to provide very high flexibility and good elastic recovery without compromising flow characteristics which make the grade ideal for applications such as bollards and road signs.

General Information			
Additive	Long Term UV-8 Stabilizer		
Features	Good Flexibility		
	Good Moldability		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.882	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	30	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)	6.90	MPa	ISO 527-2/50
Flexural Modulus ¹	75.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
ARM Impact (-40°C, 3.00 mm)	104	J	
NOTE			
1.	1.3 mm/min		

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