

REVOLVE® M-649

Polyethylene
Matrix Polymers

Message:

Revolve M-649 is a fully formulated rotomoulding grade which contains a new formulation Flame Retardant additive designed to give much improved weatherability and whiter Natural colour. The grade also has been designed to give increased stiffness. Classified according to UL94 V-2 @ 3mm.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Moldability		
	Good Stiffness		
	Good Weather Resistance		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	16.8	MPa	ISO 527-2/50
Flexural Modulus ¹	940	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Low Temperature Impact - ARM (3.00 mm)	55.5	J	
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	V-2		UL 94
NOTE			
1.	1.3 mm/min		

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