

Sicoflex ABS MZ342

Acrylonitrile Butadiene Styrene

Ravago Group

Message:

ABS, general purpose

General Information			
Recycled Content	Yes		
Features	General Purpose		
Uses	General Purpose		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	10	g/10 min	ISO 1133
Molding Shrinkage	0.40 to 0.70	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	35.0	MPa	
Break	28.0	MPa	
Tensile Strain (Break)	15	%	ISO 527-2
Flexural Modulus	2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	5.0	kJ/m ²	
23°C	11	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Annealed)	92.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	100	°C	ISO 306/A50
--	96.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating ¹			Internal Method
1.60 mm	HB		
3.20 mm	HB		
Glow Wire Flammability Index (2.00 mm)	650	°C	IEC 60695-2-12
NOTE			
1.	UL94 internally tested		

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