

Royalstat R67

Acrylonitrile Butadiene Styrene

Spartech Plastics

Message:

Royalstat R67 is an acrylonitrile butadiene styrene (ABS) product. It can be processed by vacuum molding and is available in North America.

General Information			
Features	Antistatic property		
Forms	Sheet		
Processing Method	Vacuum forming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.6	MPa	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Flexural Strength (Yield)	44.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Dart Drop Impact (3.18 mm)	13.6	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	104	°C	ASTM D648
1.8 MPa, not annealed	93.3	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+6	ohms	ASTM D257
Volume Resistivity	1.0E+4	ohms·cm	ASTM D257

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