

Royalite R800

Acrylonitrile Butadiene Styrene

Spartech Plastics

Message:

Royalite R800 is an acrylonitrile butadiene styrene (ABS) product. It can be processed by vacuum molding and is available in North America.

General Information			
Forms	Sheet		
Processing Method	Vacuum forming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.698	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	15.9	MPa	ASTM D638
Flexural Modulus	1590	MPa	ASTM D790
Flexural Strength (Yield)	34.5	MPa	ASTM D790
Compressive Strength	5.86	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Dart Drop Impact (3.18 mm)	14.7	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	93.3	°C	ASTM D648

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Recommended distributors for this material

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