

# Royalite R87/59

Acrylic (PMMA) + PVC

Spartech Plastics

## Message:

Royalite R87/59 is an acrylic acid (PMMA) PVC (PMMA PVC) product. It can be processed by vacuum molding and is available in North America. The main characteristics are: good weather resistance.

General Information			
UL YellowCard	E52355-242618	E52355-242619	
Features	Good weather resistance		
Forms	Sheet		
Processing Method	Vacuum forming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	96		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.1	MPa	ASTM D638
Flexural Modulus	1650	MPa	ASTM D790
Flexural Strength (Yield)	48.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-29°C, 3.18 mm	80	J/m	ASTM D256
23°C, 3.18 mm	320	J/m	ASTM D256
Dart Drop Impact (3.18 mm)	13.6	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	79.4	°C	ASTM D648

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## Recommended distributors for this material

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