

KYDEX® V103

Acrylic (PMMA) + PVC

SEKISUI Polymer Innovations, LLC

Message:

KYDEX®V103 sheet is a recycled grade of a proprietary thermoplastic sheet that is cost competitive with other grades of thermoplastic sheet while offering improved performance.

General Information			
UL YellowCard	E115252-219443		
Recycled Content	Yes		
Features	Flame Retardant		
	Good Impact Resistance		
	Good Processability		
Uses	Decorative Displays		
	Housings		
Agency Ratings	FAR 25.853 (a)		
UL File Number	E115252		
Appearance	Colors Available		
Forms	Sheet		
Processing Method	Thermoforming		
	Vacuum Forming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Molding Shrinkage - Flow ¹	0.40 to 0.60	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 3.18 mm)	94		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (3.18 mm)	41.0	MPa	ASTM D638
Flexural Modulus (3.18 mm)	2480	MPa	ASTM D790
Flexural Strength (3.18 mm)	65.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	430	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed, 3.18 mm)	73.9	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
3.18 mm	V-0		

0.711 mm	5V
NOTE	

1.
- Male Mold

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Recommended distributors for this material


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