

KYDEX® V

Acrylic (PMMA) + PVC

SEKISUI Polymer Innovations, LLC

Message:

KYDEX® V 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			
Recycled Content	Yes		
Features	Good Processability		
	Machinable		
	Paintable		
Uses	Housings		
Appearance	Black		
	Finishes 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 (3.18 mm)	0.40 to 0.60	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 3.18 mm)	88		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 3.18 mm)	42.0	MPa	ASTM D638
Flexural Modulus (3.18 mm)	2310	MPa	ASTM D790
Flexural Strength (Yield, 3.18 mm)	63.0	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
Additional Information	Nominal Value	Unit	
Thermoforming Molding Temperature	163 to 200	°C	
NOTE			
1.	Male Mold		

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Recommended distributors for this material

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