

KYDEX® 152WG

Acrylic (PMMA) + PVC
SEKISUI Polymer Innovations, LLC

Message:
Super tough, durable KYDEX® 152WG sheet brings new dimensions to membrane pressers in: extensibility, rigidity, abrasion resistane and fire retardancy.

General Information			
Features	Durable		
	Flame Retardant		
	Good Abrasion Resistance		
	Low Warpage		
	Medium Rigidity		
	Scratch Resistant		
Uses	Decorative Displays		
	Furniture		
	Housings		
Agency Ratings	ASTM E 84 Class 1/A		
Appearance	Colors Available		
	Light Oak		
	Pine		
Forms	Sheet		
Processing Method	Laminating		
	Press Molding		
	Thermoforming		
	Vacuum Forming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 3.18 mm)	42.0	MPa	ASTM D638
Flexural Modulus (3.18 mm)	2480	MPa	ASTM D790
Flexural Strength (3.18 mm)	66.0	MPa	ASTM D790
Scratch Resistance ¹	> 2000	g	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	800	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (1.8 MPa, Annealed, 3.18 mm)			
75.6	°C	ASTM D648	
Flammability	Nominal Value		Test Method
Flame Rating (3.18 mm)	V-0	UL 94	
NOTE			
1.	Hoffman Scratch		

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Recommended distributors for this material

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