

# KYDEX® 6565(d)

Acrylic (PMMA) + PVC  
SEKISUI Polymer Innovations, LLC

Message:

KYDEX® 6565(d) is a proprietary, high performance, decorative thermoplastic sheet specifically formulated to meet the safety needs of the aviation industry.

General Information			
Features	Cleanable		
	Flame Retardant		
	Good Chemical Resistance		
	Good Processability		
	Machinable		
Uses	Aircraft Applications		
	Aircraft Interiors		
	Laminates		
	Seats		
Agency Ratings	FAR 25.853 (a), & (d) 2		
	OSU 65/65		
Appearance	Colors Available		
Forms	Sheet		
Processing Method	Thermoforming		
	Vacuum Forming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.52	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 3.18 mm)	111		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (3.18 mm)	43.0	MPa	ASTM D638
Flexural Modulus (3.18 mm)	3830	MPa	ASTM D790
Flexural Strength (3.18 mm)	81.2	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed, 3.18 mm)	75.9	°C	ASTM D648
Additional Information	Nominal Value	Unit	
Thermoforming Molding Temperature	163 to 200	°C	

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Recommended distributors for this material

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