

## KYDEX® 331/331d Co-Extruded High Impact Fire Rated Thermoplastic Sheet with Weatherable Acrylic Film Cap

Category : Polymer , Film , Thermoplastic

### Material Notes:

KYDEX® 331 is a co-extruded high impact fire rated thermoplastic sheet with a weatherable cap that offers superior performance for thermoforming. It can also be used as an impact resistant surface material. KYDEX® 331d offers the same benefits as KYDEX® 331 but with a decorative cap (black/white, granite). Features: Weatherable formula High impact resistance Fire retardant, self-extinguishing Low moisture absorption, resistance to chipping and cracking, great fabrication and machining properties and flexibility Excellent forming properties, uniform wall thickness and crisp detail Can be drilled, punched and cut using standard woodworking or metal working tools Suggested Applications: Kiosk Housings Equipment Housings Medical Products Information provided by Kydex, LLC.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_KYDEX-331331d-Co-Extruded-High-Impact-Fire-Rated-Thermoplastic-Sheet-with-Weatherable-Acrylic-Film-Cap.php](http://www.lookpolymers.com/polymer_KYDEX-331331d-Co-Extruded-High-Impact-Fire-Rated-Thermoplastic-Sheet-with-Weatherable-Acrylic-Film-Cap.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength	42.0 MPa	6090 psi	ASTM D638
Flexural Strength	66.0 MPa	9570 psi	ASTM D790
Flexural Modulus	2.482 GPa	360.0 ksi	ASTM D790
Izod Impact, Notched	6.40 J/cm	12.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	66.7 Â°C	152 Â°F	unannealed; ASTM D648
	75.5 Â°C	168 Â°F	annealed; ASTM D648
Flammability, UL94	V-0	V-0	
	5VA	5VA	

## Contact Songhan Plastic Technology Co.,Ltd.

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