

## KYDEX® 311 MB Co-Extruded High Impact Fire-Rated Thermoplastic Sheet with Microban® Antimicrobial

Category : Polymer , Thermoplastic

### Material Notes:

Features:Color-matched cap, black or off-white substrateThickness ranging from 1.5 mm to 8.9 mmToughness and durabilityEasy to form with good part definitionChemical resistantFire retardantExcellent fabrication qualitiesMicroban® antimicrobial technology inhibits the growth of bacteria that can cause stains, odors and product deterioration.Microban® technology is built-in to the sheet so it won't wash or wear away and lasts for the lifetime of the product.Microban® technology keeps the surface cleaner between cleanings.Suggested Applications:Exhibits and DisplaysStore Fixture ComponentsMedical ProductsMachine HousingsInformation provided by Kydex, LLC.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_KYDEX-311-MB-Co-Extruded-High-Impact-Fire-Rated-Thermoplastic-Sheet-with-Microban-Antimicrobial.php](http://www.lookpolymers.com/polymer_KYDEX-311-MB-Co-Extruded-High-Impact-Fire-Rated-Thermoplastic-Sheet-with-Microban-Antimicrobial.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 Å°C	152 Å°F	unannealed; ASTM D648
	75.5 Å°C	168 Å°F	annealed; ASTM D648
Flammability, UL94	V-0	V-0	
	5VA	5VA	

## Contact Songhan Plastic Technology Co.,Ltd.

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