

KYDEX® 311 Co-Extruded High Impact Fire-Rated Thermoplastic Sheet

Category : Polymer , Thermoplastic

Material Notes:

Features: Color-matched cap, black or off-white substrate
 Thickness ranging from 1.5 mm to 8.9 mm
 Toughness and durability
 Easy to form with good part definition
 Chemical resistant
 Fire retardant
 Excellent fabrication qualities
 Suggested Applications: Exhibits and Displays
 Store Fixture Components
 Medical Products
 Machine Housings
 Information provided by Kydex, LLC.

Order this product through the following link:

http://www.lookpolymers.com/polymer_KYDEX-311-Co-Extruded-High-Impact-Fire-Rated-Thermoplastic-Sheet.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	

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