

## KYDEX® 152WG Capped Wood Grain Thermoplastic Sheet

Category : Polymer , Thermoplastic

**Material Notes:**

Features: Super tough, durable High extensibility, rigidity, abrasion resistance and fire retardancy More rigid than most thermoplastics, parts deform less when loaded Outstanding resistance to breakage Superior scratch and abrasion resistance

Suggested Applications: Kiosk Housings Exhibits and Displays Store Fixture Components Contract Furniture Components

Information provided by Kydex, LLC.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_KYDEX-152WG-Capped-Wood-Grain-Thermoplastic-Sheet.php](http://www.lookpolymers.com/polymer_KYDEX-152WG-Capped-Wood-Grain-Thermoplastic-Sheet.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 g/cc	1.37 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	2.48 GPa	360 ksi	ASTM D790
Izod Impact, Notched	7.95 J/cm	14.9 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	75.6 Å°C	168 Å°F	ASTM D648
Flammability, UL94	V-0	V-0	

Descriptive Properties	Value	Comments
Scratch Resistance (g)	> 2000	Hoffman
Surface Burning Characteristics: Flame Spread/Smoke	Class 1/A	ASTM E84; 1 mm and less

## Contact Songhan Plastic Technology Co.,Ltd.

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