

SEABOARD[®] HIGH DENSITY POLYETHYLENE (HDPE)

VYCOM SEABOARD[®] HDPE is a UV stabilized material that has superior stiffness, scratch and impact resistance, and yet is easy to fabricate and machine for the most demanding applications. It is ideal for a variety of marine and outdoor applications.

APPLICATIONS

- » Marine – Doors, Covers, Hatches, Rails, Tables, Trim, and Components
- » Outdoor Cabinetry / Furniture
- » Decorative Wood / Metal Replacement

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNITS	VALUES
PHYSICAL			
Specific Gravity	ASTM D792	-	0.960
Water Absorption, 24 hours	ASTM D570	%	0.01
Shore Durometer	ASTM D2240	D	69
MECHANICAL			
Tensile Strength	ASTM D638	psi	4,600
Elongation at Yield	ASTM D638	%	>400
Flexural Modulus	ASTM D790	psi	225,000
Izod Impact	ISO 180	kJ/m ²	10
THERMAL			
Coefficient of Linear Expansion	ASTM D696	in/in/°C	6 x 10 ⁻⁵
Heat Deflection Temperature @ 66 psi	ASTM D648	°F	179
Vicat Softening Point	ASTM D1525	°F	264
FLAMMABILITY			
Flammability Rating	UL 94	-	HB

*Typical properties are not intended for specification purposes.

CURBELL
PLASTICS

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Curbell Plastics is a proud supplier of Plaskolite materials.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.

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