

CPC - Vycom SEABOARD™ LITE High density polyethylene (HDPE)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

Material Notes:

Seaboard Lite is a high density polyethylene (HDPE) sheet formulated to meet the specific requirements of marine and other outdoor environments. Seaboard Lite is UV stable and will withstand the elements without rotting, delaminating or peeling like wood. CPC Seaboard Lite is manufactured as a continuous extrusion. It is not press laminated. Thus, it is unconditionally guaranteed not to delaminate during the service life of the end-product. FEATURES AND BENEFITS Inert- Seaboard Lite is inert in marine environments and is not effected by moisture and most cleaning chemicals. Toughness- Seaboard Lite is made from the same tough high density polyethylene (HDPE) as our standard grade of Seaboard. Moisture resistance- Seaboard Lite is resistant to moisture and it will not rot or swell in moist environments. Light- Seaboard Lite is 30% lighter than standard high density polyethylene (HDPE). Information provided by Compression Polymers Corp - Vycom

Order this product through the following link:

http://www.lookpolymers.com/polymer_CPC-Vycom-SEABOARD-LITE-High-density-polyethylene-HDPE.php

Physical Properties	Metric	English	Comments
Density	0.800 g/cc	0.0289 lb/in ³	ASTM D1505
Environmental Stress Crack Resistance	25 hour	25 hour	F50; ASTM D1693
	>= 500 hour	>= 500 hour	F50; ASTM D2561

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	69	69	ASTM D2240
Tensile Strength, Ultimate	22.1 MPa	3200 psi	ASTM D638
Flexural Strength	27.6 MPa	4000 psi	ASTM D790
Flexural Modulus	1.57 GPa	228 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	50.0 °C	122 °F	ASTM D648
Vicat Softening Point	129 °C	264 °F	ASTM D1525
Brittleness Temperature	-76.1 °C	-105 °F	ASTM D746

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China