

CPC - Vycom SEABOARD™ Supreme DS High density polyethylene (HDPE)

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

Material Notes:

Seaboard DS is a high density polyethylene (HDPE) foam core product with a specially formulated skin to add stiffness and Dimensional Stability. This new product from Compression Polymers combines light weight, economy, and superior strength in a foam core product. Seaboard DS is ideal for applications where additional stiffness and strength are required such as, engine covers, seat backs and bottoms, instrument panels, tackle storage etc. FEATURES AND BENEFITS Strength- Seaboard DS is stronger than standard foam core materials. Stiffness- Seaboard DS is stiffer to provide additional support for seat and engine cover applications. UV Stability- Seaboard DS is UV stabilized to withstand the elements. Dimensionally Stable- Seaboard DS has a unique skin that provides lower shrink rates and repeatable dimensions. Information provided by Compression Polymers Corp - Vycom

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 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	74	74	ASTM D2240
Flexural Strength	49.6 MPa	7200 psi	ASTM D790
Flexural Modulus	3.45 GPa	500 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	83.9 °C	183 °F	ASTM D648
Vicat Softening Point	130 °C	266 °F	ASTM D1525
Brittleness Temperature	-76.1 °C	-105 °F	ASTM D746

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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