

CPC - Vycom SEABOARD™ GRIP-X™ Slip Resistant High Density Polyethylene (HDPE)

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

Material Notes:

Grip-X is a UV stabilized high density polyethylene (HDPE) sheet formulated to meet demanding conditions of the marine industry. Grip-X is manufactured with a special surface treatment and stipulated pattern to achieve a slip resistant surface as compared with the standard surface and other high density polyethylene marine grade products. FEATURES AND BENEFITS Stability- Grip-X is UV stabilized to endure the test of time outdoors. Strength- Grip-X is made from the same strong polymer base as Seaboard, simply the toughest material available. Inert- Grip-X is impervious to salt and moisture in marine environments. Surface- Grip-X has a unique elastomer surface that provides additional traction in both wet and dry conditions. Consistency- Grip-X is extruded for the most dimensional consistency. Information provided by Compression Polymers Corp - Vycom

Order this product through the following link:

http://www.lookpolymers.com/polymer_CPC-Vycom-SEABOARD-GRIP-X-Slip-Resistant-High-Density-Polyethylene-HDPE.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ASTM D1505
Environmental Stress Crack Resistance	25 hour	25 hour	F50; ASTM D1693
	>= 500 hour	>= 500 hour	F50; ASTM D2561
Melt Index of Compound	0.70 g/10 min	0.70 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	ASTM D2240
Tensile Strength, Ultimate	30.3 MPa	4400 psi	ASTM D638
Elongation at Break	>= 600 %	>= 600 %	ASTM D638
Flexural Modulus	1.52 GPa	220 ksi	ASTM D790
Tensile Impact	53.4 J/cm	100 ft-lb/in	ASTM D1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	77.8 °C	172 °F	ASTM D648
Vicat Softening Point	125 °C	257 °F	ASTM D1525
Brittleness Temperature	<= -7.78 °C	<= 18.0 °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