

CPC - Vycom PLAYBOARD™ HDPE Sheet for Modular Playground Systems

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

Material Notes:

Playboard Modular Playground Systems consists of 2-color PolyCarve™ co-extruded sheet and Grip X™ slip resistant sheet materials. FEATURES AND BENEFITS Weather resistant- Playboard is UV stabilized for enduring the outdoors. Clean- Playboard is made from HDPE that is resistant to vandalism, graffiti and is easy to clean. Machinable- Playboard is easy to machine, rout, engrave and cutout panels for the best designs. Color Choice- Playboard is available in seven standard colors. Information provided by Compression Polymers Corp - Vycom

Order this product through the following link:

http://www.lookpolymers.com/polymer_CPC-Vycom-PLAYBOARD-HDPE-Sheet-for-Modular-Playground-Systems.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ASTM D1505

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	ASTM D2240
Tensile Strength, Ultimate	31.7 MPa	4600 psi	ASTM D638
Elongation at Yield	>= 400 %	>= 400 %	ASTM D638
Flexural Modulus	1.55 GPa	225 ksi	ASTM D790
Tensile Impact	64.1 J/cm	120 ft-lb/in	ASTM D1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	82.2 °C	180 °F	ASTM D648
Brittleness Temperature	<= -76.1 °C	<= -105 °F	ASTM D746

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