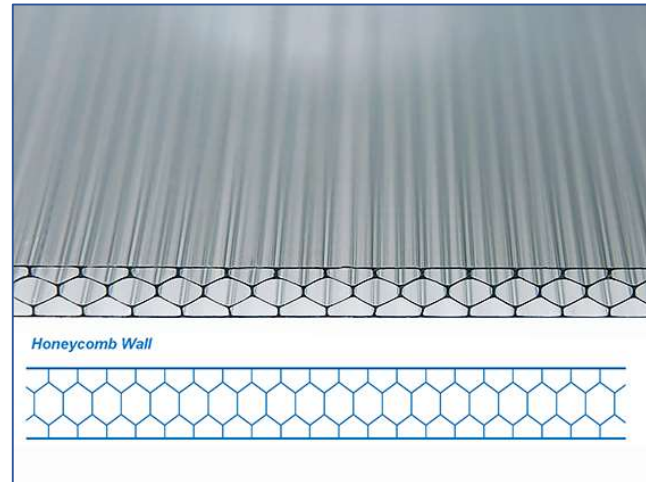


Honeycomb Polycarbonate Sheet

Honeycomb Polycarbonate sheet is one of the top multiwall polycarbonate sheets. It has a honeycomb type profile that creates an insulating air space, therefore, honeycomb polycarbonate sheet offers a really high thermal isolation characteristic and high impact resistance. The clear honeycomb polycarbonate sheet is high transparency from 60%-75%.

The thickness ranges from 8mm to 16mm, the standard width is up to 2100mm, the lengths are up to 11800mm. Honeycomb polycarbonate sheet can be green, blue, red, opal or customized colors.



Honeycomb Polycarbonate sheet has really good performance under the hurricane, hailstone, heavy snowfall, sandstorm weather. It is used for roofing applications, for example greenhouse, skylight, sunroom, etc.

Product Range

Model	Description
UVMPC-HO-U1	Standard model with co-extrude UV protective on one side for outdoor application
UVMPC-HO-U1A	Co-extruded UV protective layer on the outside, anti-condensation treatment on the inside for greenhouse roofing
UVMPC-HO-U2	Co-extruded UV protective layer on both sides for outdoor application

Colors

Type:	Colors Description
Transparent	Clear, Brown, Bronze, Gary, Red, Blue, Green
Translucent	Black, White Opal, White Diffuser, Yellow, Red, Mint Green, White Opal
Opaque	Black, White Opal, Yellow, Dark Blue, Red, Dark Grey, Dark Brown

Customized colors are available upon request, subject to a minimum order.

Dimension

Model	Area Weight (Kg/m ²)	U-Value (W/m ² ·°K)	Light Transmission, clear, %	Width 700 (mm)	Width 1050 (mm)	Width 2100 (mm)
UVMPC-HO-8	2	2.85	60	√	√	√
UVMPC-HO-10	2.2	2.16	58	√	√	√
UVMPC-HO-12	2.4	1.98	57	√	√	√
UVMPC-HO-14	2.6	1.74	55	√	√	√
UVMPC-HO-16	2.8	1.56	53	√	√	√

Feature

1. Lighter weight, but outstanding impact resistance

Honeycomb Polycarbonate sheet is 5% heavier than twin wall polycarbonate sheet but the impact resistance is 20%-40% more than twin wall polycarbonate sheet.

2. Excellent energy-efficient and thermal isolation property

Honeycomb polycarbonate sheet is 5%-10% lighter than four wall polycarbonate sheet, but the thermal isolation is 10%-20% higher than four wall polycarbonate sheet with the same thickness.

3. Outstanding Weatherability and long lifespan

The 50um co-extruded high-quality UV protective layer can blocks more than 99% harmful ultraviolet rays. And it protects honeycomb polycarbonate sheets with high light transmittance without yellowing for more than 10 years.

4. Easily cut and install

Honeycomb Polycarbonate Sheet can be cut, sawn or drilled easily by the common tools without splitting, cracking or breaking. Otherwise, it is lighter weight, and easy to install on-site.

5. Free samples and free pre-cutting service

UVPLASTIC will provide free samples and free pre-cutting services to global clients. The size of the free sample is about 20x20cm, clients only pay the 30-50USD for delivering it.

6. Customized Colors, Customized Sizes

UVPLASTIC will provide customized colors and sizes according to clients' requirements.

Applications

1. Stadium Roof

With the excellent impact resistance, honeycomb polycarbonate sheet is the right choice for stadium roofing, even under the storm, hailstone, heavy snowfall, sandstorm, hurricane weather, and intense ultraviolet condition.

2. Polycarbonate skylight

Honeycomb polycarbonate sheet is lighter weight but high impact resistance, it is a great choice for the skylight.

3. Polycarbonate Sunroom

Honeycomb polycarbonate sheet offers outstanding light transmittance, and excellent impact resistance, it is a suitable plastic sheet for the sunroom.



CONTACT US

UVPLASTIC Material Technology Co.,Ltd

Add: 205 Suzhou West Avenue, Suzhou Industrial Park, Suzhou City, China, 215000

Tel: +86 512 85186727

E-mail: info@uvplastic.com

Homepage: www.uvplastic.com