

# Polycarbonate Hollow Sheet

General Polycarbonate Hollow Sheet used widely in constructions and decorations can make UV protection on both sides and can be simply installed

## Product Specification

Thickness(mm)	Structure	Weight (g/sqm)	Min Bend Radii (mm)	Standard (mm)
4	2-layers	850	700	length X Width 11900 X 2100 11900 X 1220
5	2-layers	1000	875	
6	2-layers	1300	1050	
8	2-layers	1500	1400	
10	2-layers	1700	1750	
6	3-layers	1400	1050	
8	3-layers	1600	1400	
10	3-layers	2000	1750	
12	3-layers	2100	2100	
14	3-layers	2400	2450	
16	3-layers	2700	2800	

-For large orders color and size can be custom made

Standard colors and light transmission

Color/ Thickness(mm)	4	5	6	8	10
	Light Transmission				
<b>Color</b>	80%	78%	76%	74%	72%
<b>lake Blue</b>	56%	54%	51%	49%	48%
<b>Green</b>	55%	52%	51%	48%	46%
<b>Glass Green</b>	54%	52%	50%	46%	44%
<b>Brown</b>	34%	32%	30%	26%	23%
<b>Blue</b>	33%	31%	28%	25%	20%
<b>Opal</b>	27%	25%	22%	18%	15%
<b>Advertising White</b>	16%	14%	12%	9%	8%

## PC Hollow Sheet Reference Data

<b>Standard Width</b>	1220/2100 mm
<b>Standard length</b>	11900mm
<b>UV Protection layer</b>	50 u m
<b>Soften Temperature</b>	148°C

<b>Continuous Use temperature</b>	-40 120°C
<b>Elastle Modulus</b>	2400MPa(1mm/rain.ISO 527)
<b>Tensile Stress</b>	63MPa(at yeild 50mm/min. ISO 527)
<b>Tensile Strain</b>	6%(at yeild 50mmimin. ISO 527)
<b>Nominal Tensile Strain</b>	>50`k(at yeild 50mm/min. ISO 527)
<b>Charpy Impact Sterigth at 23°C</b>	NB(ISO 179/IeU)
<b>Charpy Impact Stength at -30°C</b>	NB(ISO 179/IeU)
<b>Notches IZOO Impact Stength at 23°C</b>	80kj/m2(1S0 180/4A)
<b>Notches IZOD Impact Stength at -30°C</b>	20kj/m3(1S0 180/4A)
<b>Fire Rating</b>	GB8624-1997 B1

### Applications:

- Buliding/house skylights
- Workshop/storehouse skylights
- Gymnasiums skylights
- Walkways/Carports
- Natatorium coverings
- Indoor partition

