



常州隽隆复合材料有限公司  
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## PC honeycomb

### Introduction:

Our company currently has PC (polycarbonate) honeycomb panels, PP (polypropylene) honeycomb panels, halogen-free flame-retardant PP honeycomb panels, and new PP honeycomb panels with heat aging and weather resistance as our main products. The primary characteristics of this type of product are light weight, strong pressure resistance, high weather resistance, and moisture and mold resistance.

Different from other toxic materials, PC can be widely used in interior decoration, such as partitions, roofs, platforms, etc., by compounding with various materials such as stone, wood, and acrylic. The frost free properties of PC materials make them highly respected in the refrigeration industry

We insist on not using recycled materials, and all processing procedures are carried out in compliance with environmental regulations.

### Specifications:

Optional colors: Customizable according to customer needs

Nominal size of honeycomb core (mm):  $\Phi$  3.5/  $\Phi$  10

Unit weight (kg/m<sup>3</sup>): 90-100/70-80

Compressive strength (Mpa): 2.4/1.4

Shear strength (Mpa): 0.6/0.5

Effective temperature range (°C): -40 to+120/-40 to+120

Thermal conductivity coefficient (W/mk, 10 °C): 0.061/0.061

Thickness range: 1mm-600mm

The standard size is 1250mm \* 500mm, and the maximum size is 3000mm \* 1500mm. Other sizes can be customized

In addition, in addition to conventional models, PC honeycomb panels with a diameter of 3.5mm-10mm can be provided