

Conical Honeycomb Hollow Plate

Conical honeycomb hollow plate includes conical honeycomb hollow plate, upper extruded surface plate, core conical honeycomb structure layer, lower extruded surface plate, hollow three-dimensional depression tensile cone module, hollow three-dimensional convex tensile cone module, strengthening strength and so on.

The adoption of grid shape plastic hollow board made up of two surface and its internal interval reinforcement, the strength is not high, not solid, the force is not strong to compression deformation, not resistant to impact strength, the asymmetry of the lateral stress and plastic hollow board easy to deformation and failure, need to take into account when using the direction of stress, the application of product has many limitations. Although there are a lot of plastic honeycomb board on the market, but through the adhesive layers of mutual bonding into a whole, it is very easy to cause the honeycomb board layer degumming, easy to tear and cause product scrap.

Advantages of conical honeycomb hollow plate:

The hollow plate solves the shortcomings of existing plastic hollow plate, such as poor impact resistance, deformation under compression and unstable. It can bear transverse section force, longitudinal section force and plate front force at the same time, the forces on the all sides are uniform, wide range of application, good use effect.

A schematic diagram of the hollow plate:

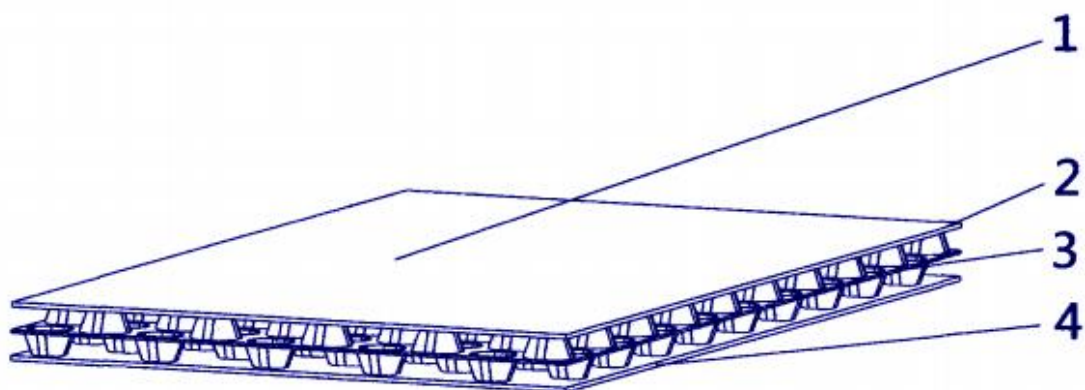


Figure 1

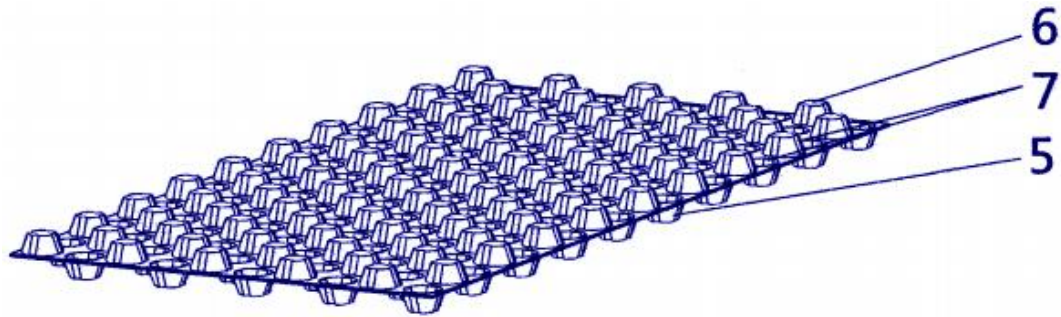


Figure 2

1. Conical honeycomb hollow plate, 2. Upper extruded surface plate, 3. Core conical honeycomb structure layer, 4. Lower extruded surface plate, 5. Hollow three-dimensional depression tensile cone module, 6. Hollow three-dimensional convex tensile cone module, 7. reinforcing rib

1 side plate, 2 bottom plate, 3 mediastinal plate, 4 diaphragm, 5 sockets, 6 slots, 7 notches, 8 layering, 9 clasp

Product parameters:

Textures: PP powder

Thickness: 2mm-12mm

Width: \leq 200mm

Application: General packaging

Characteristics of conical honeycomb hollow plate:

1.The core conical honeycomb structure layer has several hollow three-dimensional depression tensile cone modules and several hollow three-dimensional convex tensile cone modules. They are interlaced and nested above and below the core conical honeycomb structure.

2.The core conical honeycomb structure layer is made by extruder through vacuum suction roller molding.

3.A number of hollow three-dimensional depression tensile cone modules and a number of hollow three-dimensional convex tensile cone modules interleave each other in the row and column directions of the core cone honeycomb structure layer. Each hollow three-dimensional depression tensile cone module is surrounded by hollow three-dimensional convex tensile cone module. Each hollow three-dimensional convex

tensile cone module is surrounded by hollow three-dimensional concave tensile cone module.

4.The conical inclined plane of the hollow three-dimensional depression tensile cone module and the hollow three-dimensional convex tensile cone module are equally divided into four levels, each with four reinforcing bars.

5.The material of conical honeycomb hollow plate is made of polypropylene