

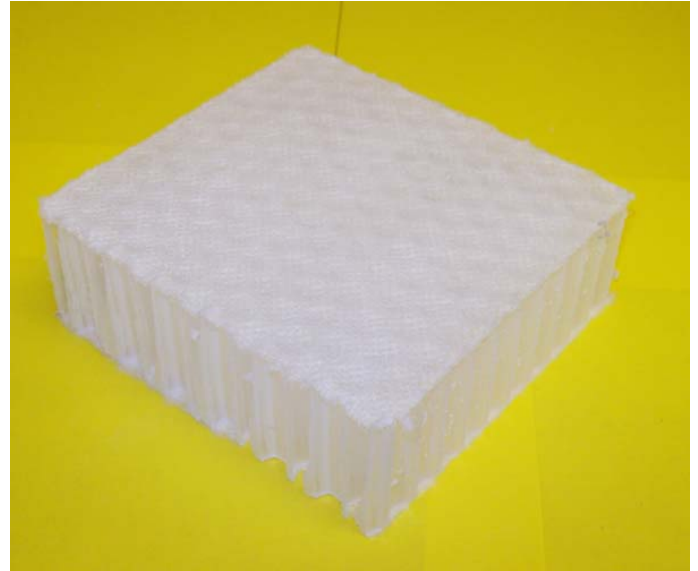


COMPANY LLC.

POLYPROPYLENE HONEYCOMB

PP polypropylene honeycomb exhibits a unique cell structure. The core has 3 orientations vs. the 2 orientations common with other honeycomb, making its properties more uniform. Each cell has a tubular form and is inherently stable.

PP polypropylene honeycomb is supplied with or without a non-woven polyester veil for better bonding. It is also supplied with or without a film barrier under the polyester veil to limit the amount of resin consumption.

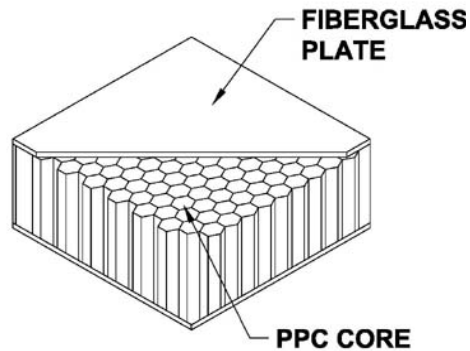


Applications:

PP polypropylene honeycomb uses include sandwich panel core, energy absorption and filtration media.

FEATURES

- ❖ High strength to weight ratio
- ❖ Corrosion, fungi, rot, chemical and moisture resistant
- ❖ Sound and vibration dampening
- ❖ Energy absorbing
- ❖ Thermoformable
- ❖ Temperature use to 180 F
- ❖ Recyclable



Part number 15142	Supplied size in Length 1-1/2"x29-1/2"x77"
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PP Polypropylene Mechanical Properties							
Honeycomb Designation			Typical Bare Compressive		Typical Plate Shear		Nonwoven Tensil Strength
Core Type	Cell Size	Density PCF	Strength PSI	Modulus KSI	Strength PSI	Modulus KSI	Strength PSI
PP40-04	0.40"	4.0	140	7.2	40	1.3	125