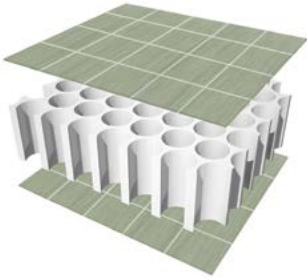


TP Thermoplastic Panel



Description:

Plascore TP Panels are made from a Plascore Polypropylene (PP) Honeycomb core with Oriented or Random Chopped Glass reinforced polypropylene facing both sides.

PP Honeycomb density/cell size and facing thicknesses can be modified for specific performance needs. Various surface treatments can be applied for color, adhesive bonding and printing.

These Lightweight, Durable, Tough and Structural sandwich panels offer superior strength to weight ratios.

Applications:

Ideal for doors, floors, walls, tables, platforms, packaging, pallets, dividers, and more.

Lightweight and structural replacement for plywood, thermoplastic twin wall, and foam cored panels.

Features:

- Moisture and Chemical Resistance
- UV Resistance
- Vibration and Acoustical Dampening
- Thermoformable
- Recyclable
- Economical

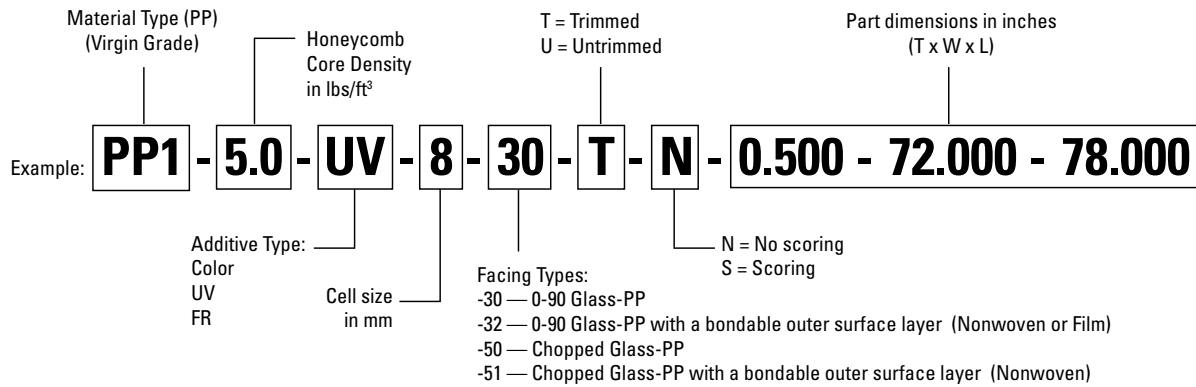
Availability:

Thickness:	1/4" – 5"	± .03"
Length:	up to 144"	± 1/8"
Width:	up to 72"	± 1/8"
Finish:	Commercial (Bondable, Printable, Non Porous versions available)	

NOTE: Other sizes and configurations are available upon request.

Thermoplastic (TP) Panel is specified as follows:

Material - Density - Additive - Cell Size - Type



Typical TP Panel Mechanical Properties						
PRODUCT ID	FACING TYPE	CORE TYPE	THICKNESS (INCHES)	WEIGHT (LBS/FT ²)	COMPRESSION ³ STRENGTH (PSI)	FLEXURAL RIGIDITY ⁴ (EI/INCH-WIDTH)
PP1-5.0-UV-8-30	.02" T ¹ 0-90 GLASS-PP	PP HONEYCOMB 5 PCF ²	0.25	0.36	275	1,100
			0.50	0.46	275	4,400
			0.75	0.56	275	10,000
			1.0	0.67	275	17,000
PP1-5.0-UV-8-50	.03" T ¹ CHOPPED GLASS-PP	PP HONEYCOMB 5 PCF ²	0.5	0.5	275	2,850
			0.75	0.6	275	6,500
			1.0	0.7	275	11,000

¹Other facing thicknesses and weights available ²Other PP Honeycomb densities available ³Per ASTM C365 (Stablized) ⁴Per ASTM C393 (4 pt 1/4 pt, 20" span)

Storage:

- Store material flat and horizontal
- Store material in a dry and covered area, protected from UV exposure, extreme temperatures and moisture
- Material may need to be dried prior to use if surface moisture is present

Plascore, Inc., employs a quality management system that is Nadcap, AS9100, ISO 9001 and ISO 14001 certified.

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