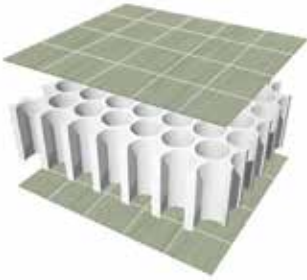


TP Thermoplastic Panel



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, etc.

Lightweight replacement for plywood and foam-cored panels.

Features:

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

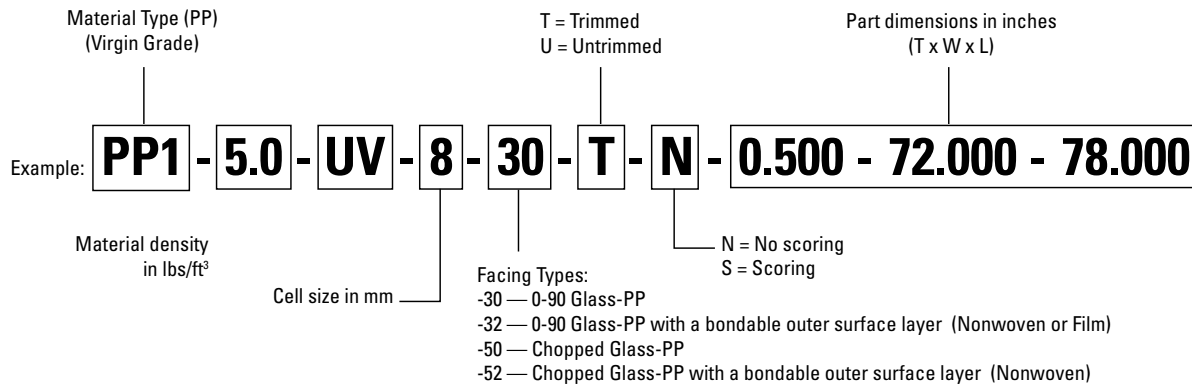
Availability:

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: 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.

Thermoplastic (TP) Panel is specified as follows:

Material - Cell Size - Color - Thickness



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

¹ Other facing thicknesses and weights available

² Other PP Honeycomb densities available

³ Per ASTM C365 (Stablized)

⁴ Per ASTM C393 (4 pt 1/4 pt, 20" span)



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

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Corporate Headquarters

Plascore Incorporated
 615 N. Fairview St.
 Zeeland, MI 49464-0170
 Phone (616) 772-1220
 Toll Free (800) 630-9257
 Fax (616) 772-1289
 Email sales@plascore.com
 Web www.plascore.com

Europe

Plascore GmbH&CoKG
 Feldborn 6
 D-55444 Waldlaubersheim
 Germany
 Phone +49(0) 6707-9143 13
 Fax +49(0) 6707-9143 40
 Email sales.europe@plascore.de
 Web www.plascore.de