



Product Specifications

November 2009

Product	PlasPly
Material Specifications	
Core Material Base	Birch Wood, WBP Bonded
Facing	2 Sided Tuff Plastic
Surface Finishing	Smooth
Surface Color	Light grey
Metal Reinforcement	No
Repairable	Yes
Color Selection	Primary Colors
Technical Values	
Density, Kg/m ³	620 - 680
Bending Modulus, Mpa	6500 - 7500
Bending Strength, Yield, Mpa	42
Bending Strength, Ultimate, Mpa	68
Operating Temperature, °C	-20 to +75
Working Conditions	
Sawing	Similar To Wood
Cutting	
Nailing / Screw	
UV Resistance	Yes
Product Dimensions	
Max. Width, mm	1500
Max. Length, mm	3600
Thickness, mm	9 - 30
Dimension Tolerance, mm	LW +/-1.5 Diagonal +/-3
Thickness Tolerance, mm	+/-0.4

Uber Engineering Pte Ltd
 15 Neythal Road, Singapore 628580
 Tel : +65-62657930
 Fax : +65-65150084
 Web : www-uber-eng.com.sg
 Email : info@uber-eng.com.sg



PlasPly Technical Data
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****Notes**

Data are based on manufacturer's testing and will be subjected to changes from time.

Use of board should not exceed its permissible bending strength. Will cause permanent deformation in flatness.

Board Type	PlasPly					
Model	PP-9	PP-12	PP-15	PP-18	PP-21	PP-23
Basic Properties						
Thickenss (mm)	9	12	15	18	21	23
Thickness Tolerance (mm)	+/- 0.40					
Density (Kg/m ³)	680.00	670.00	665.00	650.00	640.00	620.00
Weight (Kg/m ²)	6.12	8.04	9.98	11.70	13.44	14.26
Mechanical Properties [ASTMD790]						
Bending Modulus, 3 point (N/mm ²) 25°C	7500	7300	7100	7000	6800	6500
Permissible Bending Strength (N/mm ²)	42					
Ultimate Bending Strength (N/mm ²)	68					
Usage Temperature (°C)	-20 +75					

Handling Conditions	
Nail Holding	Similar to Wood
Sawing	
Drilling	
UV Resistance	Yes
Recycable	Yes

Note : Other technical values can be custom designed on request.

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