

TECHNICAL SPECIFICATION -- PP Hollow Sheet

Name: PP Corrugated Plastic Sheet/ PP Hollow Sheet/ Cellular PP Sheet

Material: PP (Polypropylene)

Width: 1.22m / 1.50m / 2.05m

Length: 2.44m / 3.05m or Customized

Thickness(mm): 2-12mm

Weight(g/sqm): 300gsm - 3000gsm as per request

Treatment: Common, Corona Treatment, Anti-Static, Conductive, UV Stabilized, ect

Color: Customized

Application	Agriculture	Fresh Produce ,Vine and trees Guards(UV resistant)
	Automotive	Partitions Layer pads Velcro tapes Plastic handles Transparent pockets Stackable boxes Collapsible boxes
	Building & Construction	Wall & floor protection , Waterproofing project, Construction formworks,Warning signs
	Graphic & Display	Yard signs and real estate signs
	Protective Package	Backboard of bassinet&TV ,wardrobe
	Storage	Briefcases File storage boxes Archive boxes Shelf bins Pet toy boxes Clothes boxes Nestable mail totes
	Transport	Side gate protection panel, PP layer pads, or container floor protection panels
	Waste Recycling	Recycling bins and recyclable collectors

Technical Properties

Density(g/m2)		300	350	400	500	600	700	800	1000	1300
Thickness(mm)	Machine Direction(MD) Transverse Direction(TD)	2.0	2.5	3.0	3.0	4.0	4.0	5.0	5.0	6.0
Impact Strength (kg/cm)	MD	114	107	117	162	178	210	230	315	>320
	TD	118	81	116	180	187	234	239	>320	>320
Bending Strength (kg/cm)	MD	0.37	0.37	0.55	0.70	1.38	1.61	2.39	3.04	6.36
	TD	0.18	0.07	0.07	0.22	0.39	0.50	0.61	1.08	2.17
Upright Compression Strength (kg/cm)	MD	3.40	1.30	2.98	6.39	9.30	11.00	14.90	18.40	3400
	TD	0.90	0.15	0.05	0.80	0.64	0.90	1.42	2.60	5.40
Average Compressive Strength (kg/cm)		12.60	0.77	3.19	4.10	3.85	4.20	3.39	5.60	5.82
Density(g/m2)		1600	1800	2000	1900	2000	2300	2300	2500	
Thickness(mm)	Machine Direction(MD) Transverse Direction(TD)	7.0	8.0	8.0	9.0	10.0	10.0	12.0	12.0	
Impact Strength (kg/cm)	MD	>320	>320	>320	>320	>320	>320	>320	>320	
	TD	>320	>320	>320	>320	>320	>320	>320	>320	
Bending Strength (kg/cm)	MD	10.0	9.09	10.10	10.70	12.11	14.00	12.90	23.51	
	TD	0.80	2.25	2.61	2.44	1.20	4.22	6.66	7.87	
Upright Compression Strength (kg/cm)	MD	28.00	30.00	43.60	44.30	45.56	57.00	74.20	81.72	
	TD	1.50	2.50	5.00	5.18	6.51	10.70	18.21	17.86	
Average Compressive Strength (kg/cm)		4.70	4.76	5.00	7.20	7.85	9.11	10.85	15.80	