

CAST PA6 G SHEET

						OmniAmid® PA6 G		OmniAmid® PA6 G-HR		OmniAmid® PA6 G-Oil		OmniAmid® PA6 G-WFL	
						● White		● Black		● Green		● Red	
Thk (mm)	Weight (kg/ Full Sheet)	Tolerance (mm)	Width (mm)	Length (mm)		S	L	S	L	S	L	S	L
10	27.50	+0.5 / +2.0	1000	1000	2000	●		●			●		●
10	40.0	+0.5 / +2.0	1220		2440	●		●			●		
12	39.50	+1 / +2.5	1000	1000	2000	●		●			●		●
12	48.0	+1 / +2.5	1220		2440		●	●			●		
15	41.00	+1.2 / +2.5	1000	1000	2000	●		●			●		●
15	60.5	+1.2 / +2.5	1220		2440		●		●		●		
20	52.00	+1.2 / +2.5	1000	1000	2000	●		●		●		●	
20	77.5	+1.2 / +2.5	1220		2440		●		●		●		
25	64.50	+1.2 / +2.5	1000	1000	2000	●		●		●		●	
25	95.5	+1.2 / +2.5	1220		2440		●		●		●		
30	77.00	+1.5 / +3.5	1000	1000	2000	●		●		●		●	
30	117.0	+1.5 / +3.5	1220		2440		●		●		●		
35	89.00	+1.5 / +3.5	1000	1000	2000	●		●					
35	133.4	+1.5 / +3.5	1220		2440		●						
40	102.00	+1.5 / +3.5	1000	1000	2000	●		●		●			●
40	152.5	+1.5 / +3.5	1220		2440		●		●		●		
50	127.00	+1.5 / +3.5	1000	1000	2000	●		●			●		●
50	185.5	+1.5 / +3.5	1220		2440		●		●		●		
60	153.00	+2.0 / +5.0	1000	1000	2000	●		●			●		●
70	178.00	+2.0 / +6.0	1000	1000	2000	●		●			●		
80	202.00	+2.0 / +6.2	1000	1000	2000	●		●			●		●
90	226.00	+2.0 / +6.3	1000	1000	2000		●				●		
100	252.00	+2.0 / +6.4	1000	1000	2000	●		●			●		●
120	302.00	+2.0 / +6.5	1000	1000	2000		●		●		●		

BENEFITS

OmniAmid® PA6 G

- Higher strength and stiffness than extruded PA6
- Hardness and wear resistance
- Temperature range -30°C to +90°C
- Higher load applications
- Available in larger sizes
- Easier machinability than Extruded Nylon.

OmniAmid® PA6 G-HR

- Improve load bearing
- Temperature range -30°C to +100°C
- Enhanced lubrication
- Better machinability compared than just MoS²Cast Nylon
- Good Sliding properties at low speeds

OmniAmid® PA6 G-Oil

- Self-lubricating
- Low coefficient of friction
- Temperature range -30°C to +100°C
- Thermal stability in demanding environments
- Good machinability

OmniAmid® G-WFL

- Reduced Friction by 50% compared to Cast 6G
- Temperature range -30°C to +105°C
- Self-Lubricating
- High load Capacity especially slow-moving parts
- Improved dimensional stability as absorbs less

S: Stocked Item L: Subject to a leadtime or MOQ