

PA6.6

Product Information



Our PA 6.6 – quality plastic

Compared to PA 6, PA 6.6 has a slightly higher surface hardness and rigidity, as well as reduced moisture absorption. Further positive features include increased wear and heat resistance, but it has a lower toughness compared to PA 6.

One popular modification is the 30% glass fibre reinforcement. PA 6.6 GF 30 features increased dimensional stability, very high rigidity and even greater heat resistance compared to unreinforced versions.

Application areas for PA 6.6:

- Mechanical engineering
- Aircraft construction
- Electrical appliance industry
- Automobile industry
- Equipment manufacturing

Product Information / Product Charts

**Characteristics:**

- Good dimensional stability
- Very good antifriction properties
- High abrasion resistance
- Exceptionally high strength and hardness across a wide range of temperatures
- Very good machinability
- Good self-adhesive properties
- Good weldability
- High continuous service temperature

Colour:

natural and PA 6.6 GF 30 in black

Sheets



SHEETS PA 6.6	Thickness mm	Tolerance mm	Weight kg/item	Avail- ability
3000 x 610 mm	8	+0.2 / +0.9	18.45	S
	10	+0.2 / +0.9	22.77	S
	12	+0.3 / +1.5	27.84	S
	15	+0.3 / +1.5	34.35	S
	16	+0.3 / +1.5	36.45	S
	20	+0.3 / +1.5	45.15	S
	25	+0.3 / +1.5	55.95	S
	30	+0.5 / +2.5	67.95	S
	35	+0.5 / +2.5	78.75	MTO
	40	+0.5 / +2.5	89.55	S
	45	+0.5 / +2.5	100.35	MTO
	50	+0.5 / +2.5	111.15	S
	60	+0.5 / +3.5	133.80	MTO
	70	+0.5 / +3.5	155.40	MTO
	80	+0.5 / +5.0	178.65	MTO
	90	+0.5 / +5.0	200.25	MTO
	100	+0.5 / +5.0	221.85	MTO

Round Bars

ROUND BARS PA 6.6	Ø mm	Tolerance mm	Weight kg/item	Avail- ability
L = 3000 mm	2	+0.1 ~ +0.4	0.08	MTO
	6	+0.1 ~ +0.4	0.11	S
	8	+0.1 ~ +0.5	0.19	MTO
	10	+0.1 ~ +0.5	0.29	S
	12	+0.2 ~ +0.7	0.42	S
	14	+0.2 ~ +0.7	0.57	MTO
	15	+0.2 ~ +0.7	0.65	S
	16	+0.2 ~ +0.7	0.74	S
	18	+0.2 ~ +0.7	0.93	MTO
	20	+0.2 ~ +0.7	1.14	S
	22	+0.2 ~ +0.9	1.39	MTO
	25	+0.2 ~ +0.9	1.79	S
	28	+0.2 ~ +0.9	2.22	MTO
	30	+0.2 ~ +0.9	2.55	S
	32	+0.2 ~ +1.1	2.91	MTO
	36	+0.2 ~ +1.1	3.66	S
	40	+0.2 ~ +1.1	4.50	S
	45	+0.3 ~ +1.3	5.73	S
	50	+0.3 ~ +1.3	7.05	S
	56	+0.3 ~ +1.3	8.79	MTO
	60	+0.3 ~ +1.6	10.14	S
	65	+0.3 ~ +1.6	11.85	MTO
	70	+0.3 ~ +1.6	13.71	S
	75	+0.4 ~ +2.0	15.84	MTO
	80	+0.4 ~ +2.0	17.97	S
	85	+0.5 ~ +2.2	20.34	MTO
	90	+0.5 ~ +2.2	22.74	S
	95	+0.6 ~ +2.5	25.41	MTO
	100	+0.6 ~ +2.5	28.11	S
	110	+0.7 ~ +3.0	34.05	S
	120	+0.8 ~ +3.5	40.65	MTO
	125	+0.8 ~ +3.5	44.10	MTO
	130	+0.9 ~ +3.8	47.70	MTO
	140	+0.9 ~ +3.8	55.20	MTO
	150	+1.0 ~ +4.2	63.45	MTO
	160	+1.1 ~ +4.5	72.30	MTO
	170	+1.2 ~ +5.0	81.75	MTO
	180	+1.2 ~ +5.0	91.35	MTO
	190	+1.3 ~ +5.5	102.00	MTO
	200	+1.3 ~ +5.5	112.80	MTO
	220	+1.3 ~ +5.8	136.20	MTO
	250	+1.5 ~ +6.2	175.65	MTO

Availability:

S = Standard

MTO = Made To Order / MOQ = Upon Request

PA6.6 GF30

Product Charts

Sheets



SHEETS PA 6.6 GF30	Thickness mm	Tolerance mm	Weight kg/item	Avail- ability
3000 x 625 mm	10	+0.2 ~ +0.9	26.52	S
	15	+0.3 / +1.5	39.90	S
	20	+0.3 / +1.5	52.50	S
	25	+0.3 / +1.5	65.10	S
	30	+0.5 / +2.5	79.20	S
	40	+0.5 / +2.5	104.40	S
	50	+0.5 / +2.5	129.45	S
	60	+0.5 / +3.5	155.85	S
	70	+0.5 / +3.5	181.05	MTO
	80	+0.5 / +5.0	208.05	S
	90	+0.5 / +5.0	233.10	MTO
	100	+0.5 / +5.0	258.30	S

Round Bars



ROUND BARS PA 6.6 GF30	Ø mm	Tolerance mm	Weight kg/item	Avail- ability
L = 3000 mm	10	+0.1 / +0.5	0.33	MTO
	12	+0.2 / +0.7	0.49	MTO
	15	+0.2 / +0.7	0.75	S
	16	+0.2 / +0.7	0.85	MTO
	18	+0.2 ~ +0.7	1.07	MTO
	20	+0.2 ~ +0.7	1.31	S
	22	+0.2 / +0.9	1.59	MTO
	25	+0.2 / +0.9	2.04	S
	28	+0.2 / +0.9	2.55	MTO
	30	+0.2 / +0.9	2.91	S
	32	+0.2 / +1.1	3.33	MTO
	36	+0.2 / +1.1	4.20	S
	40	+0.2 / +1.1	5.16	S
	45	+0.3 / +1.3	6.54	MTO
	50	+0.3 / +1.3	8.04	S
	60	+0.3 / +1.6	11.58	S
	70	+0.3 / +1.6	15.66	S
	80	+0.4 / +2.0	20.52	S
	90	+0.5 / +2.2	25.98	MTO
	100	+0.6 / +2.5	32.10	S
	110	+0.7 / +3.0	39.00	MTO
	120	+0.8 / +3.5	46.50	S
	125	+0.8 / +3.5	50.40	MTO
	130	+0.9 / +3.8	54.60	MTO
	140	+0.9 / +3.8	63.15	MTO
	150	+1.0 / +4.2	72.60	S
	180	+1.2 / +5.0	104.55	S
	200	+1.3 / 5.5	128.85	S

COMCOEPP

Engineering Plastic Products

We produce plastic stock shapes
and engineer tailor made solutions.



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