

POLYACETAL (POM-C)

POM-C Natural / Black



ROUND RODS						
Thicknesses [mm]	Tolerance on the diameters [mm]		Standard length per piece [1000 mm ⁽¹⁾]		Standard length per piece [3000 mm ⁽²⁾]	
			[kg / pce ⁽³⁾]		[kg / pce ⁽³⁾]	
3	+0.1	+0.3	0.01	●	0.03	●
4	+0.1	+0.3	0.02	●	0.06	●
5	+0.1	+0.4	0.03	●	0.09	●
6			0.04	●	0.13	●
7	+0.1	+0.5	0.06	●	0.17	●
8			0.07	●	0.22	●
10			0.12	●	0.35	●
12	+0.2	+0.7	0.17	●	0.50	●
14			0.23	●	0.68	●
15			0.26	●	0.78	●
16			0.30	●	0.89	●
18			0.38	●	1.13	●
20			0.46	●	1.39	●
22	+0.2	+0.9	0.56	●	1.69	●
25			0.73	●	2.18	●
28			0.91	●	2.73	●
30			1.05	●	3.14	●
32	+0.2	+1.1	1.19	●	3.57	●
35			1.42	●	4.27	●
36			1.51	●	4.52	●
40			1.86	●	5.58	●
45	+0.3	+1.3	2.35	●	7.06	●
50			2.90	●	8.71	●
55			3.51	●	10.54	●
60	+0.3	+1.6	4.18	●	12.55	●
65			4.91	●	14.73	●
70			5.69	●	17.08	●
75	+0.4	+2.0	6.54	●	19.61	●
80			7.44	●	22.31	●
85	+0.5	+2.2	8.39	●	25.18	●
90			9.41	●	28.23	●
95	+0.6	+2.5	10.49	●	31.46	●
100	+1.8	+3.6	11.62	●	34.85	●
110	+0.7	+3.0	14.06	●	42.17	●
115	+0.8	+3.5	15.36	●	46.09	●
120			16.73	●	50.19	●
125			18.15	●	54.46	●
130	+0.9	+3.8	19.63	●	58.90	●
140	+0.9	+3.8	22.77	●	68.31	●
150	+1.0	+4.2	26.14	●	78.42	●
160	+1.1	+4.5	29.74	●	89.23	●
170	+1.2	+5.0	33.58	●	100.73	●
180			37.64	●	112.93	●
190	+1.3	+5.5	41.94	●	125.82	●
200			46.47	●	139.42	●
210	+1.3	+5.8	51.24	●	153.71	●
220			56.23	●	168.69	●
225			58.82	●	176.45	●
230	+1.5	+6.2	61.46	●	184.38	●
250			72.61	●	217.84	●
280	+1.6	+6.5	91.09	●	273.26	●
300	+1.5	+6.5	104.56	●	313.69	●
Other standard size [2000mm/2020]						○

⁽¹⁾ : Tolerances on the length : +0.0 / +60.0mm

⁽²⁾ : Tolerances on the length : +0.0 / +90.0mm

⁽³⁾ : Average production weights

● : Standard item (generally available from stock)

○ : Non standard item (generally not available from stock;
improved availability possible upon customer plaining)

POLYACETAL (POM-C)

POM-C Natural / Black



PLATES						
Thicknesses [mm]	Tolerance on the thicknesses [mm]		Standard size per piece 【610 x 3000 mm ⁽¹⁾ 】		Standard size per piece 【1000 x 2000 mm ⁽²⁾ 】	
			【kg / pce ⁽³⁾ 】		【kg / pce ⁽³⁾ 】	
5	+0.2	+0.9	13.54	■	14.80	■
6			16.25	■	17.76	■
8			21.67	■	23.68	■
10			27.08	■	29.60	■
12	+0.3	+1.5	32.50	■	35.52	■
15			40.63	■	44.40	■
16			43.33	■	47.36	■
20			54.17	■	74.00	■
25			67.71	■	88.80	■
30			81.25	■	88.80	■
35	+0.5	+2.5	94.79	■	103.60	■
40			108.34	■	118.40	■
45			121.88	■	133.20	■
50			135.42	■	148.00	■
60	+0.5	+3.5	162.50	■	177.60	■
65			176.05	■	192.40	■
70			189.59	■	207.20	■
80	+0.5	+5.0	216.67	■	236.80	■
90			243.76	■	266.40	■
100			270.84	■	296.00	■
120			325.01	■	355.20	■
Other standard size			【610X 1000mm】	□	【1000X 1000/3000mm】	□
			Wide Plates 【1220X 3000mm】			

⁽¹⁾ : Tolerances : **Width** +0.0 / +25.0 mm / **Length** +0.0 / +90.0mm

⁽²⁾ : Tolerances : **Width** +0.0 / +25.0 mm / **Length** +0.0 / +60.0mm

⁽³⁾ : Average production weights

■ : Standard item (generally available from stock)

□ : Non standard item (generally not available from stock;
improved availability possible upon customer plaining)

판 | Sheets & Plates

두께 (mm)	외경허용 범위	POM-C / POM-H										POM ESD			
		중량(kg)	610×1000(mm)	중량(kg)	610×3000(mm)	중량(kg)	1000×1000(mm)	중량(kg)	1000×2000(mm)	중량(kg)	1000×3000(mm)	중량(kg)	1200×3000(mm)	중량(kg)	610×1000(mm)
2															
3															
4															
5	+0.1 ~ +1.0	4.44	N : B	13.32	N : B	7.4	N : B	14.8	N : B	22.2	N : B				
6		5.33	N : B	15.98	N : B	8.8	N : B	17.76	N : B	26.64	N : B	31.97	N : B		
7															
8		7.1	N : B	21.31	N : B	11.84	N : B	23.68	N : B	35.52	N : B	42.62	N : B	6.78	E
9															
10		8.88	N : B	26.64	N : B	14.8	N : B	29.6	N : B	44.4	N : B	53.28	N : B	8.48	E
12		10.66	N : B	31.97	N : B	17.76	N : B	35.52	N : B	53.28	N : B	63.94	N : B	10.17	E
15	+0.1 ~ +2.0	13.32	N : B	39.96	N : B	22.2	N : B	44.4	N : B	66.6	N : B	79.92	N : B	12.72	E
16						22.68	N : B	47.36	N : B	71.04	N : B	85.25	N : B		
18															
20		17.76	N : B	53.28	N : B	29.6	N : B	59.2	N : B	88.8	N : B	106.56	N : B	16.96	E
25		22.2	N : B	66.6	N : B	37	N : B	74	N : B	111	N : B	133.2	N : B	21.2	E
30		26.64	N : B	79.92	N : B	44.4	N : B	88.8	N : B	133.2	N : B	159.84	N : B	25.44	E
35		31.08	N : B	93.24	N : B	51.8	N : B	103.6	N : B	155.4	N : B	186.48	N : B		
40	+0.5 ~ +3.5	35.52	N : B	106.56	N : B	59.2	N : B	118.4	N : B	177.6	N : B	213.12	N : B	33.92	E
45		39.96	N : B	119.88	N : B										
50		44.4	N : B	133.2	N : B	74	N : B	148	N : B	222	N : B	266.4	N : B	42.4	E
60		53.28	N : B	159.84	N : B										
70	+0.7 ~ +4.5	62.16	N : B	186.48	N : B										
80		71.04	N : B	213.12	N : B										
90		79.92	N : B	239.76	N : B										
100	+1.0 ~ +5.0	88.8	N : B	266.4	N : B										

물성표 및 치수표

MC

POM

ABS

PC

PE

PP

UPE

PET

PEEK

PBI

PAI

PEI

PVDF

ESD