

Ketron® PEEK



Polyetheretherketone [PEEK + SOLID LUBRICANT]

Ketron® 1000 PEEK natural/black

Ketron® TX PEEK

ROUND RODS							
Diameters [mm]	Tolerances on the diameters [mm]	Ketron® 1000 PEEK natural		Ketron® 1000 PEEK black		Ketron® TX PEEK	
		Standard length per piece: [3000 mm ^[1]]					
		[kg/pce ^[2]]		[kg/pce ^[2]]		[kg/pce ^[2]]	
3		0,03	□	0,03	□	–	–
4	+0,1 +0,3	0,05	□	0,05	□	–	–
5		0,09	□	0,09	□	–	–
6	+0,1 +0,4	0,12	■	0,12	□	0,13	□
7		0,17	□	0,17	□	0,18	□
8	+0,1 +0,5	0,22	■	0,22	□	0,23	□
9		0,27	□	0,27	□	0,29	□
10		0,33	■	0,33	■	0,35	□
11		0,42	□	0,42	□	0,44	□
12		0,49	■	0,49	■	0,53	□
14		0,66	□	0,66	□	0,71	□
15	+0,2 +0,9	0,76	■	0,76	□	0,80	□
16		0,86	■	0,86	■	0,91	□
18		1,07	■	1,07	□	1,14	□
20		1,32	■	1,32	■	1,40	□
22		1,61	■	1,61	□	1,71	□
25		2,06	■	2,06	■	2,19	■
28	+0,2 +1,2	2,57	■	2,57	□	2,75	□
30		2,94	■	2,94	■	3,12	■
32		3,33	■	3,33	□	3,54	□
35		4,02	■	4,02	■	–	□
36	+0,2 +1,6	4,26	□	4,26	□	4,53	□
40		5,22	■	5,22	■	5,55	□
45		6,66	■	6,66	□	7,08	□
50	+0,3 +2,0	8,16	■	8,16	■	8,70	■
56		10,20	□	10,20	□	10,86	□
60		11,76	■	11,76	□	12,54	□
65	+0,3 +2,5	13,77	■	13,77	□	14,67	□
70		15,90	■	15,90	□	16,95	□
75		18,36	□	18,36	□	19,56	□
80	+0,4 +3,0	20,82	■	20,82	□	22,20	■
90	+0,5 +3,4	26,40	■	26,40	□	28,11	□
100	+0,6 +3,8	32,55	■	32,55	□	34,65	□
110	+0,7 +4,2	39,00	■	–	□	–	–
120	+0,8 +4,6	46,35	■	–	□	–	–
130		54,60	■	–	□	–	–
140	+0,9 +5,4	63,15	■	–	□	–	–
150		72,45	■	–	□	–	–
160		82,35	■	–	□	–	–
170		92,70	□	–	□	–	–
180	+1,0 +5,8	103,80	■	–	□	–	–
190		115,50	□	–	□	–	–
200		127,80	■	–	–	–	–

Other standard length: [1000 mm^{[1] [3]}]^[1]: tolerance on the lengths -0/+3 %^[2]: average production weights^[3]: non-standard lengths for diameters over 60 mm■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]■ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

Ketron® PEEK

Polyetheretherketone [PEEK]

Ketron® 1000 PEEK natural/black

PLATES

Thicknesses [mm]	Tolerances on the thicknesses [mm]	Ketron® 1000 PEEK natural			
		Standard size per piece: [615 x 3000 mm ^[1]] [kg/pce ^[2]]		Standard size per piece: [1000 x 3000 mm ^[1]] [kg/pce ^[2]]	
5	+0,2 +0,7	13,92	□	22,53	■
6		16,41	□	26,55	■
8		21,72	□	35,10	■
10	+0,2 +0,9	26,70	■	43,20	■
12		32,85	□	53,10	■
15		40,35	□	65,25	□
16	+0,3 +1,5	42,75	□	69,30	■
18		47,70	□	–	–
20		52,80	□	85,35	■
25		65,25	■	105,60	■
30		79,65	■	–	–
35	+0,5 +2,5	92,10	■	–	–
40		104,55	■	–	–
45		117,00	■	–	–
50		129,45	■	–	–
55		143,55	□	–	–
60	+0,5 +3,5	156,00	■	–	–
65		168,45	□	–	–
70		180,90	□	–	–
80		208,20	□	–	–
90		233,10	□	–	–
100	+0,5 +5,0	258,00	□	–	–
		Other standard size: [615 x 1000 mm ^[1]]		Other standard size: [1000 x 1000 mm ^[1]]	
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Ketron® 1000 PEEK black			
		Standard size per piece: [615 x 3000 mm ^[1]] [kg/pce ^[2]]		Standard size per piece: [1000 x 3000 mm ^[1]] [kg/pce ^[2]]	
5	+0,2 +0,7	13,92	□	22,53	□
6		16,41	□	26,55	□
8		21,72	□	35,10	□
10	+0,2 +0,9	26,70	□	43,20	□
12		32,85	□	53,10	□
15		40,35	□	65,25	□
16	+0,3 +1,5	42,75	□	69,30	□
18		47,70	□	–	–
20		52,80	□	85,35	□
25		65,25	□	105,60	□
30		79,65	□	–	–
35	+0,5 +2,5	92,10	□	–	–
40		104,55	□	–	–
45		117,00	□	–	–
50		129,45	□	–	–
55		143,55	□	–	–
60	+0,5 +3,5	156,00	□	–	–
65		168,45	□	–	–
70		180,90	□	–	–
80		208,20	□	–	–
90		233,10	□	–	–
100	+0,5 +5,0	258,00	□	–	–
		Other standard size: [615 x 1000 mm ^[1]]		Other standard size: [1000 x 1000 mm ^[1]]	

^[1]: tolerances: width +5/+25 mm;
length -0/+3 %

^[2]: average production weights

■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]
 ■ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]
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Ketron® PEEK



Polyetheretherketone [PEEK] [PEEK + CF + PTFE + GRAPHITE]

Ketron® 1000 PEEK natural/black

Ketron® HPV PEEK

TUBES

Diameters [mm ^[1]] O.D. x I.D.	Tolerances on the diameters [mm]		Ketron® 1000 PEEK natural		Ketron® 1000 PEEK black		Ketron® HPV PEEK			
	O.D.	I.D.	Standard length per piece: [3000 mm ^[2]]							
			[kg/pce ^[3]]		[kg/pce ^[3]]					
50 x 30	+0,5	+2,2	-0,5	-2,2	5,67	■	5,67	□	6,24	□
50 x 40					3,57	□	3,57	□	3,93	□
60 x 30					9,39	□	9,39	□	10,35	□
60 x 40	+0,6	+2,8	-0,6	-2,8	7,29	■	7,29	□	8,07	□
60 x 50					4,59	□	4,59	□	5,07	□
70 x 30					13,74	□	13,74	□	15,15	□
70 x 40	+0,6	+3,4	-0,6	-3,4	11,67	□	11,67	□	12,87	□
70 x 50					9,00	■	9,00	□	9,93	□
70 x 60					5,67	□	5,67	□	6,27	□
80 x 40	+0,6	+3,4	-0,6	-3,4	16,47	□	16,47	□	18,18	□
80 x 50					13,80	□	13,80	□	15,21	□
80 x 60					10,50	■	10,50	□	11,58	□
90 x 40	+1,0	+4,0	-1,4	-5,4	22,53	□	22,53	□	24,84	□
90 x 50					19,92	□	19,92	□	21,99	□
90 x 60					16,71	□	16,71	□	18,42	□
90 x 70	+1,0	+4,0	-1,4	-5,4	12,87	□	12,87	□	14,19	□
100 x 40					28,62	□	28,62	□	31,50	□
100 x 50					26,01	□	26,01	□	28,71	□
100 x 60	+1,3	+5,0	-1,8	-7,0	22,80	□	22,80	□	25,14	□
100 x 70					18,96	□	18,96	□	20,91	□
100 x 80					14,49	■	14,49	□	15,96	□
115 x 50	+1,3	+5,0	-1,8	-7,0	37,05	□	37,05	□	40,95	□
115 x 60					33,90	□	33,90	□	37,50	□
115 x 70					30,15	□	30,15	□	33,30	□
115 x 80	+1,3	+5,0	-1,8	-7,0	25,74	□	25,74	□	28,38	□
115 x 90					20,70	■	20,70	□	22,83	□
115 x 100					15,03	□	15,03	□	16,59	□
125 x 50	+1,3	+5,0	-1,8	-7,0	44,70	□	44,70	□	49,35	□
125 x 60					41,55	□	41,55	□	45,90	□
125 x 70					37,80	□	37,80	□	41,70	□
125 x 80	+1,3	+5,0	-1,8	-7,0	33,45	□	33,45	□	36,90	□
125 x 90					28,38	□	28,38	□	31,35	□
125 x 100					22,74	□	22,74	□	25,08	□
140 x 50	+1,3	+5,0	-1,8	-7,0	57,45	□	57,45	□	63,45	□
140 x 60					54,30	□	54,30	□	59,85	□
140 x 70					50,55	□	50,55	□	55,80	□
140 x 80	+1,3	+5,0	-1,8	-7,0	46,05	□	46,05	□	50,85	□
140 x 90					41,10	□	41,10	□	45,30	□
140 x 100					35,40	■	35,40	□	39,15	□
Standard length per piece: [1000 mm ^[2]]										

^[1]: for non-listed intermediate diameters, please consult us^[2]: tolerance on the length: -0/+3 %^[3]: average production weights■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]■ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

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Polyetheretherketone [PEEK] [PEEK + CF + PTFE + GRAPHITE]

Ketron® 1000 PEEK natural/black

Ketron® HPV PEEK

TUBES										
Diameters [mm ^[1] O.D. x I.D.	Tolerances on the diameters [mm]		Ketron® 1000 PEEK natural		Ketron® 1000 PEEK black		Ketron® HPV PEEK			
	O.D.	I.D.	Standard length per piece: [3000 mm ^[2] [kg/pce ^[3]		Standard length per piece: [3000 mm ^[2] [kg/pce ^[3]		Standard length per piece: [3000 mm ^[2] [kg/pce ^[3]			
160 x 80	+1,6	+6,0	-2,0	-8,0	66,15	□	66,15	□	73,05	□
160 x 90					61,20	□	61,20	□	67,50	□
160 x 100					55,50	□	55,50	□	61,35	□
160 x 120					42,45	■	42,45	□	46,80	□
180 x 80					87,90	□	87,90	□	96,90	□
180 x 90					82,95	□	82,95	□	91,50	□
180 x 100					77,25	□	77,25	□	85,20	□
180 x 120	64,20	□	64,20	□	70,80	□				
180 x 140	48,60	■	48,60	□	53,55	□				
200 x 100	+1,8	+6,5	-2,3	-9,0	102,30	□	102,30	□	112,80	□
200 x 120					89,25	□	89,25	□	98,55	□
200 x 140					73,80	□	73,80	□	81,30	□
200 x 160					55,65	□	55,65	□	61,50	□
									Standard length per piece: [1000 mm ^[2]	

^[1]: for non-listed intermediate diameters, please consult us

^[2]: tolerance on the length: -0/+3 %

^[3]: average production weights

- : **standard** item [generally available from stock; bulk quantities to be manufactured to order]
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