

# Ketron® PEEK



Polyetheretherketone [PEEK + CF + PTFE + GRAPHITE] [GF30 PEEK] [CF30 PEEK]

 Ketron® HPV PEEK  
 Ketron® GF30 PEEK  
 Ketron® CA30 PEEK

ROUND RODS							
Diameters [mm]	Tolerances on the diameters [mm]	Ketron® HPV PEEK		Ketron® PEEK-GF 30		Ketron® PEEK-CA 30	
		Standard length per piece: [3000 mm <sup>[1]</sup> ]					
		[kg/pce <sup>[2]</sup> ]		[kg/pce <sup>[2]</sup> ]		[kg/pce <sup>[2]</sup> ]	
3		–	–	–	–	–	–
4	+0,1 +0,3	–	–	–	–	–	–
5		–	–	–	–	–	–
6	+0,1 +0,4	0,14	■	0,14	□	0,14	□
7		0,19	□	0,20	□	0,18	□
8	+0,1 +0,5	<b>0,24</b>	■	0,25	□	0,24	□
9		0,30	□	0,32	□	0,29	□
10		<b>0,37</b>	■	<b>0,38</b>	■	<b>0,36</b>	■
11		0,47	□	0,49	□	0,46	□
12		<b>0,55</b>	■	0,58	□	0,54	□
14		0,74	□	0,77	□	0,73	□
15	+0,2 +0,9	0,85	□	0,88	□	0,83	□
16		<b>0,96</b>	■	1,00	□	0,94	□
18		1,20	□	1,25	□	1,17	□
20		<b>1,47</b>	■	<b>1,53</b>	■	<b>1,44</b>	■
22		1,80	□	1,88	□	1,76	□
25		2,30	■	2,40	□	2,25	□
28	+0,2 +1,2	2,87	□	2,99	□	2,81	□
30		<b>3,27</b>	■	<b>3,42</b>	■	<b>3,21</b>	■
32		3,72	□	3,87	□	3,63	□
35		<b>4,47</b>	■	4,68	□	4,38	□
36	+0,2 +1,6	4,74	□	4,92	□	4,65	□
40		<b>5,82</b>	■	<b>6,06</b>	■	<b>5,70</b>	■
45		7,41	□	7,71	□	7,26	□
50	+0,3 +2,0	<b>9,09</b>	■	9,48	■	<b>8,91</b>	■
56		11,34	□	11,82	□	11,10	□
60		13,11	■	<b>13,65</b>	■	12,84	□
65	+0,3 +2,5	15,30	□	15,96	□	15,00	□
70		17,70	□	18,42	□	17,34	□
75		20,43	□	21,30	□	20,01	□
80	+0,4 +3,0	<b>23,19</b>	■	24,15	■	22,71	■
90	+0,5 +3,4	29,37	□	30,60	□	–	–
100	+0,6 +3,8	36,30	■	37,80	■	–	–
110	+0,7 +4,2	–	–	–	–	–	–
120	+0,8 +4,6	–	–	–	–	–	–
130		–	–	–	–	–	–
140	+0,9 +5,4	–	–	–	–	–	–
150		–	–	–	–	–	–
160		–	–	–	–	–	–
170	+1,0 +5,8	–	–	–	–	–	–
180		–	–	–	–	–	–
190		–	–	–	–	–	–
200		–	–	–	–	–	–

 Other standard length: [1000 mm<sup>[1] [3]</sup>]

<sup>[1]</sup>: tolerance on the lengths -0/+3 %

<sup>[2]</sup>: average production weights

<sup>[3]</sup>: 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 [GF30 PEEK]

Ketron® GF30 PEEK

PLATES			
Thickness [mm]	Tolerances on the thicknesses [mm]	Ketron® GF30 PEEK	
		Standard size per piece: [525 x 3000 mm <sup>[1]</sup> ] [kg/pce <sup>[2]</sup> ]	
5	+0,2 +0,7	13,77	□
6		16,23	□
8	+0,2 +0,9	21,51	□
10		26,43	□
Other standard size: [525 x 1000 mm <sup>[1][3]</sup> ]			
Thickness [mm]	Tolerances on the thicknesses [mm]	Ketron® GF30 PEEK	
		Standard size per piece: [625 x 3000 mm <sup>[1]</sup> ] [kg/pce <sup>[2]</sup> ]	
12	+0,3 +1,5	38,40	□
15		47,10	□
16		50,10	□
18		55,80	□
20		61,65	■
25		76,20	□
30	+0,5 +2,5	93,15	□
35		107,70	■
40		122,25	□
45		136,80	□
50	+0,5 +3,5	151,35	□
55		167,85	□
60		182,40	□
65		196,95	□
70	+0,5 +5,0	211,50	□
80		243,60	□
Other standard size: [625 x 1000 mm <sup>[1][3]</sup> ]			

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

<sup>[2]</sup>: average production weights

<sup>[3]</sup>: non-standard size for thicknesses over 25 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]
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# Ketron® PEEK



Polyetheretherketone [GF30 PEEK] [CF30 PEEK]

 Ketron® GF30 PEEK  
 Ketron® CA30 PEEK

## TUBES

Diameters [mm <sup>[1]</sup> ]	Tolerances on the diameters [mm]		Ketron® GF30 PEEK		Ketron® CA30 PEEK			
			Standard length per piece: [3000 mm <sup>[2]</sup> ]					
			O.D. x I.D.	O.D.	I.D.	[kg/pce <sup>[3]</sup> ]	[kg/pce <sup>[3]</sup> ]	
50 x 30				6,51	□	6,12	□	
50 x 40	+0,5	+2,2	-0,5	-2,2	4,11	□	3,84	□
60 x 30				10,77	□	10,14	□	
60 x 40	+0,6	+2,8	-0,6	-2,8	8,40	□	7,89	□
60 x 50				5,28	□	4,98	□	
70 x 30				15,78	□	14,85	□	
70 x 40				13,41	□	12,60	□	
70 x 50				10,32	□	9,72	□	
70 x 60	+0,6	+3,4	-0,6	-3,4	6,54	□	6,15	□
80 x 40				18,93	□	17,79	□	
80 x 50				15,87	□	14,91	□	
80 x 60				12,06	□	11,34	□	
90 x 40				25,89	□	24,33	□	
90 x 50				22,89	□	21,54	□	
90 x 60				19,20	□	18,06	□	
90 x 70				14,79	□	13,89	□	
100 x 50	+1,0	+4,0	-1,4	-5,4	29,91	□	28,11	□
100 x 60				26,19	□	24,63	□	
100 x 70				21,78	□	20,46	□	
100 x 80				16,65	□	15,63	□	
115 x 60				39,00	□	36,60	□	
115 x 70				34,65	□	32,55	□	
115 x 80				29,58	□	27,81	□	
115 x 90				23,79	□	22,35	□	
115 x 100				17,28	□	16,26	□	
125 x 70	+1,3	+5,0	-1,8	-7,0	43,50	□	40,80	□
125 x 80				38,40	□	36,15	□	
125 x 90				32,70	□	30,60	□	
125 x 100				26,13	□	24,57	□	
140 x 80				52,95	□	49,80	□	
140 x 90				47,25	□	44,40	□	
140 x 100				40,80	□	38,25	□	
160 x 90				70,35	□	66,15	□	
160 x 100				63,90	□	60,00	□	
160 x 120				48,75	□	45,90	□	
180 x 100	+1,6	+6,0	-2,0	-8,0	88,80	□	83,55	□
180 x 120				73,80	□	69,30	□	
180 x 140				55,80	□	52,50	□	
200 x 120				102,60	□	96,45	□	
200 x 140	+1,8	+6,5	-2,3	-9,0	84,75	□	79,65	□
200 x 160				64,05	□	60,15	□	
				Standard length per piece: [1000 mm <sup>[2]</sup> ]				

<sup>[1]</sup>: for non-listed intermediate diameters, please consult us

<sup>[2]</sup>: tolerance on the length: -0/+3%

<sup>[3]</sup>: average production weights

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