

ACETAL RODS

O/D (mm)Weight (kg/m)Tolerance (mm)Length (mm)							OmniAcetal-C (Copolymer)																OmniAcetal-H (Homopolymer)					
							● White		● White PG		● Black		● Black PG		● Ral 5002		● Ral 3027		● Ral 6016		● Ral 1016		● Ral 2009		● White		● Black	
							S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L
6	0.05	+0.1	+0.4			3000	●				●															●		
6	0.05	-0.05	+0.0			3000			●				●													●		
8	0.09	+0.1	+0.5			3000	●				●															●		
8	0.09	-0.05	+0.0			3000			●				●															
10	0.13	+0.1	+0.5			3000	●				●														●			
10	0.13	-0.05	+0.0			3000			●				●															
12	0.19	+0.2	+0.7			3000	●				●														●			
12	0.19	-0.05	+0.0			3000			●				●															
15	0.28	+0.2	+0.7			3000	●				●																	
15	0.28	-0.05	+0.0			3000			●				●															
16	0.30	+0.2	+0.7			3000	●				●														●			●
16	0.30	-0.05	+0.0			3000			●				●															
18	0.39	+0.2	+0.7			3000	●				●															●		
18	0.39	-0.05	+0.0			3000			●				●															
20	0.47	+0.2	+0.7			3000	●				●			●		●		●		●				●	●		●	
20	0.47	-0.05	+0.0			3000			●				●															
22	0.56	+0.2	+0.9			3000	●				●															●		
25	0.74	+0.2	+0.9			3000	●				●			●		●		●		●					●		●	
25	0.74	-0.05	+0.0			3000			●				●															
28	0.93	+0.2	+0.9			3000	●				●														●			
28	0.93	-0.05	+0.0			3000				●			●															
30	1.06	+0.2	+0.9	1000	2000	3000	●				●			●		●		●		●				●	●		●	
30	1.06	-0.05	+0.0			3000				●			●															
32	1.24	+0.2	+1.1	1000	2000	3000	●				●														●			●
32	1.24	-0.05	+0.0			3000				●			●															
35	1.45	+0.2	+1.1	1000	2000	3000	●				●																	
36	1.52	+0.2	+1.1	1000	2000	3000		●				●													●			
40	1.87	+0.2	+1.1	1000	2000	3000	●				●			●		●		●		●				●	●		●	
45	2.37	+0.3	+1.3	1000	2000	3000	●				●														●		●	
50	2.97	+0.3	+1.3	1000	2000	3000	●				●			●		●		●		●				●	●		●	
55	3.56	+0.3	+1.3	1000	2000	3000	●				●																	
56	3.65	+0.3	+1.3	1000	2000	3000		●				●													●			
60	4.23	+0.3	+1.6	1000	2000	3000	●				●			●		●		●		●				●		●		●
65	4.97	+0.3	+1.6	1000	2000	3000	●				●														●		●	
70	5.70	+0.3	+1.6	1000	2000	3000	●				●			●		●									●		●	
75	6.58	+0.4	+2	1000	2000	3000	●				●														●		●	
80	7.50	+0.4	+2	1000	2000	3000	●				●			●		●		●		●				●		●		●
85	8.47	+0.5	+2.2	1000	2000	3000	●				●																	
90	9.57	+0.5	+2.2	1000	2000	3000	●				●			●		●									●			
95	10.48	+0.6	+2.5	1000	2000	3000		●				●																
100	11.86	+0.6	+2.5	1000	2000	3000	●				●			●		●									●			●
110	14.40	+0.7	+3	1000	2000	3000	●				●													●	●			
120	17.05	+0.8	+3.5	1000	2000	3000	●				●			●										●				
125	18.50	+0.8	+3.5	1000	2000	3000	●				●														●			
130	20.28	+0.9	+3.8	1000	2000	3000	●					●		●														
135	21.30	+0.9	+3.8	1000	2000	3000		●				●													●			

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

ACETAL RODS CONTINUED

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							● White		● White PG		● Black		● Black PG		● Ral 5002		● Ral 3027		● Ral 6016		● Ral 1016		● Ral 2009		● White	
O/D (mm)	Weight (kg/m)	Tolerance (mm)		Length (mm)			S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L	S	L
140	23.45	+0.9	+3.8	1000	2000	3000	●				●															
150	26.75	+1	+4.2	1000	2000	3000	●				●			●											●	
160	30.68	+1	+4.5	1000	2000		●				●			●												
165	31.20	+1.1	+5	1000	2000			●				●													●	
170	33.68	+1.1	+5	1000	2000		●					●														
175	36.77	+1.1	+5	1000	2000		●					●														
180	38.55	+1.1	+5	1000	2000		●				●			●												
190	42.04	+1.3	+5.8	1000	2000			●				●														
200	47.55	+1.3	+5.8	1000			●				●			●										●		
210	51.97	+1.3	+5.8	1000			●				●															
220	59.00	+1.3	+5.8	1000			●				●			●												
230	61.90	+1.5	+6.2	1000			●				●															
235	65.00	+1.5	+6.2	1000				●				●														
250	75.50	+1.5	+6.2	1000			●				●			●												
260	78.37	+1.5	+7.2	1000				●				●														
280	95.00	+1.5	+7.2	1000			●				●															
300	108.00	+1.5	+7.2	1000			●				●			●												
350	145.60	+1.5	+7.2	1000			●				●															
400	189.70	+1.5	+7.2	1000			●				●															
500	287.40	+1.5	+7.2	1000				●				●														

OVERVIEW

OmniAcetal-C

Acetal C, or Polyoxymethylene copolymer (POM-C), is known for its excellent mechanical and chemical properties, wear resistance and dimensional stability. Ideal for mechanical parts that need stability.

OmniAcetal-H

The general features of the homopolymer Acetal resin are similar to those of the copolymer POM-C. However, the service temperature (under load) is slightly higher but the resistance to hydrolysis's and strong alkalis is slightly lower. POM-H is more commonly known as Delrin®. POM-H has a slightly higher mechanical strength than the POM-C but both are easy to machine and offer excellent dimensional stability.



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