

## Engineering Material

### Acetal Copolymer Natural



This proven engineering material has a good combination of all round properties, distinguished by its low moisture absorption and excellent machinability.

Applications include: pump housing, impellers, gears, bearings, valves, valve seats, domestic applications, electrical components.

- High rigidity
- Good impact resistance
- Low moisture absorption
- Continuous working temperature 100°C (Max. 140°C)
- Good chemical resistance (pH5-11)
- Excellent dimensional stability
- Ideal for close tolerance parts
- Natural white colour
- All dimensions are approximate

Specific gravity	1.41	Hardness (Rockwell R)	120
Water absorption	0.22% in 24 hrs	Melt point	165°C
Tensile strength	62 N/mm <sup>2</sup>	Max. service temp. (5000 hrs)	115°C
Elongation	60%	Min. service temp.	-50°C
Flexural strength	90 N/mm <sup>2</sup>	Liner thermal expansion coefficient	12.5 x 10 K
Flexural modulus	2585 N/mm <sup>2</sup>	Flammability	Slow burning
Shear strength	53 N/mm <sup>2</sup>		

#### Rod 1 metre length

Diameter (mm)	Qty Per Pack	Order Code	Price Each
6	5	520-986	
10	5	520-998	
15	3	521-000	
20	2	521-012	
25	2	521-024	
30	1	716-8391	
36	1	716-8408	
40	1	716-8410	
45	1	716-8421	
50	1	716-8433	
56	1	716-8445	
60	1	716-8457	
65	1	716-8469	

#### Sheet

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Sheet Size (mm)	Qty Per Pack	Order Code	Price Each
8 x 500 x 305	2	521-036	
16 x 500 x 305	1	521-050	
25 x 500 x 305	1	521-061	
20 x 500 x 305	1	716-8500	
30 x 500 x 305	1	716-8512	
35 x 500 x 305	1	716-8524	
40 x 500 x 305	1	716-8536	