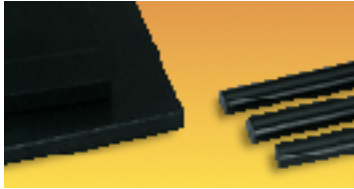


Plastic Stock — continued

Acetal Copolymer Black



- 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
- Black

Black Acetal Copolymer is superior to the natural equivalent in environments where exposure to ultra-violet light is a consideration.

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

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

Specific gravity	1.41	Shear strength	53 N/mm ²
Water absorption	0.22% in 24 hrs	Hardness (Rockwell R)	120
Tensile strength	62 N/mm ²	Melt point	165°C
Tensile modulus	2795 N/mm ²	Max. service temperature (5000 hrs)	115°C
Elongation	60%	Min. service temperature	-50°C
Flexural strength	90 N/mm ²	Linear thermal expansion coefficient	12.5 x 10 ⁻⁵ K ⁻¹
Flexural modulus	2585 N/mm ²	Flammability	Slow burning

EMA30

Ø mm	Qty Per Lot	Order Code	Price Per Lot				
			1+	5+	10+	20+	50+
Rod 1000mm Length							
6	5	717-1470					
10	5	717-1481					
15	3	717-1493					
20	2	717-1500					
25	2	717-1511					
30	1	717-1523					
36	1	717-1535					
40	1	717-1547					
45	1	717-1559					
50	1	717-1560					
56	1	717-1572					
60	1	717-1584					
65	1	717-1596					
Sheet 500 x 305mm							
Thickness							
8	2	717-1602					
10	1	717-1614					
15	1	717-1626					
20	1	717-1651					
25	1	717-1663					
30	1	717-1341					
35	1	717-1353					
40	1	717-1365					

All dimensions are approximate

Acetal Homopolymer Natural



- High rigidity
- Good impact resistance
- Low moisture absorption
- Continuous working temperature 90°C (Max. 150°C)
- Good chemical resistance
- Excellent dimensional stability
- Ideal for close tolerance parts
- Suitable for food contact

Similar properties to that of Acetal Copolymer, except with marginally superior mechanical properties and better wear resistance. Slightly lower maximum continuous operating temperature and less resistance to hot water. Applications include: Similar applications to acetal copolymer but requiring marginally superior mechanical properties and wear resistance.

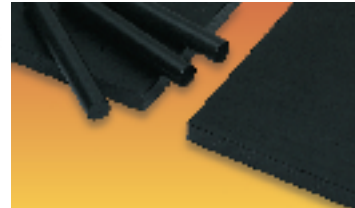
Specific gravity	1.43	Hardness (Rockwell M)	90
Water absorption	0.85%	Melt point	175°C
Tensile strength	80 N/mm ²	Max. service temperature (5000hrs)	95°C
Tensile modulus	3300 N/mm ²	Min. service temperature	-50°C
Flexural strength	98 N/mm ²	Linear thermal expansion coefficient	11.0 x 10 ⁻⁵ K ⁻¹
Flexural modulus	2620 N/mm ²	Flammability	Slow burning
Elongation	30%	Volume resistivity	10 ¹⁴ Ωcm

EMA31

Ø mm	Qty Per Lot	Order Code	Price Per Lot				
			1+	5+	10+	20+	50+
Rod 1000mm Length							
6	5	717-1810					
10	5	717-1821					
15	3	717-1833					
20	2	717-1845					
25	2	717-1857					
30	1	717-1948					
36	1	717-1950					
40	1	717-1961					
45	1	717-2060					
50	1	717-2072					
55	1	717-2084					
60	1	717-2096					
65	1	717-2102					
Sheet 500 x 305mm							
10	1	717-2114					
16	1	717-2126					
20	1	717-2138					
25	1	717-2151					
30	1	717-2163					
35	1	717-2175					
40	1	717-2187					

All dimensions are approximate

Acetal Homopolymer Black



- High rigidity
- Good impact resistance
- Low moisture absorption
- Continuous working temperature 90°C (Max. 150°C)
- Good chemical resistance
- Excellent dimensional stability
- Ideal for close tolerance parts
- Suitable for food contact

Black Acetal Homopolymer is superior to the natural equivalent in environments where exposure to ultra-violet light is a consideration.

Similar properties to that of Acetal Copolymer, except with marginally superior mechanical properties and better wear resistance, slightly lower maximum continuous operating temperature and less resistance to hot water. Applications include: Similar applications to acetal copolymer but requiring marginally superior mechanical properties and wear resistance.

Specific gravity	1.43	Hardness (Rockwell M)	90
Water absorption	0.85%	Melt point	175°C
Tensile strength	80 N/mm ²	Max. service temperature (5000hrs)	95°C
Tensile modulus	3300 N/mm ²	Min. service temperature	-50°C
Flexural strength	98 N/mm ²	Linear thermal expansion coefficient	11.0 x 10 ⁻⁵ K ⁻¹
Flexural modulus	2620 N/mm ²	Flammability	Slow burning
Elongation	30%	Volume resistivity	10 ¹⁴ Ωcm

EMA32

Ø mm	Qty Per Lot	Order Code	Price Per Lot				
			1+	5+	10+	20+	50+
Rod 1 Metre Length							
10	5	717-3696					
16	3	717-3702					
20	2	717-3714					
25	2	717-3726					
30	1	717-3738					
40	1	717-3740					
45	1	717-3751					
50	1	717-3763					
60	1	717-3775					
65	1	717-3787					
Sheet 500mm x 305mm							
Thickness							
10		717-3799					
16		717-3805					
20		717-3817					
25		717-3829					
30		717-3842					
40		717-3854					

All dimensions are approximate