

## Engineering Plastic

### Nylon 66 - Ertalon® 66SA

486135

- Tough and resilient
- Good wear resistance
- Good electrical insulator
- Natural white colour
- Continuous working temperature 80°C (Max. 160°C)
- Good chemical resistance (pH5-11)
- Lightweight (1/6 vs steel)
- Good flexible fatigue resistance

Nylon 66 is a highly versatile engineering plastic due to its excellent combination of the above properties. Applications include: gears, bearings, rollers, wheels, cams, nuts, valve seats, pulleys, gaskets, electrical insulators.



Specific gravity	1.14 - 1.15
Water absorption	7-9% Max
Tensile strength	62-83 N/mm
Flexural strength	88-97 N/mm
Shear strength	66 N/mm
Melt point	260°C
Thermal conductivity	0.24 W/K
Flammability	Self extinguishing
Volume resistivity	10 Ωm
Dielectric strength	<2 kV/mm

All dimensions are approximate

### Rod 1 metre

### Sheet

Diameter (m)	Qty Per Lot	Order Code	Price Each
6	5	520-287	
10	5	520-299	
15	3	520-305	
20	2	520-317	
25	2	520-329	
30	2	520-330	
36	1	520-342	
40	1	520-354	
45	1	520-366	
50	1	520-378	
56	1	520-380	
60	1	520-391	
65	1	520-408	
70	1	520-410	
75	1	520-421	

Sheet Size (mm)	Qty Per Lot	Order Code	Price Each
8 x 500 x 305	2	520-433	
12 x 500 x 305	1	520-445	
16 x 500 x 305	1	520-457	
20 x 500 x 305	1	520-469	
30 x 500 x 305	1	520-470	
30 x 500 x 305	1	520-482	
40 x 500 x 305	1	520-494	
50 x 500 x 305	1	520-500	