



# MBA

## Rod - Round - Nylon



High impact strength and toughness. Sizes listed are FINISHED SIZE. Product supplied will be larger.

Specific Gravity 1.13 g/cm<sup>3</sup> - Operating Temp -40 to 160 C.

Tensile Strength 78 Mpa / Hardness 82 Rockwell M.

Co-efficient of friction 0.20-0.30. Smaller diameters may not be perfectly straight.

Sizes listed are FINISHED SIZE. Product supplied will be larger to allow for machining.

As this product requires machining, larger diameters may be supplied in lieu to expedite your order.

### Rod - Round - Nylon

| Part Number        | Nom. Dia (D) mm<br><i>inches</i> | Length (L) mm<br><i>inches</i> | Usual Diameter Tolerance | Grade         | Colour  | Additive |
|--------------------|----------------------------------|--------------------------------|--------------------------|---------------|---------|----------|
| ROD-NY66N-005x1000 | 5<br><i>0.197</i>                | 1000 (1mtr)                    | +0.1 / +0.4              | 66SA Extruded | Natural | None     |
| ROD-NY66N-006x1000 | 6<br><i>0.236</i>                | 1000 (1mtr)                    | +0.1 / +0.4              | 66SA Extruded | Natural | None     |
| ROD-NY66N-008x1000 | 8<br><i>0.315</i>                | 1000 (1mtr)                    | +0.1 / +0.5              | 66SA Extruded | Natural | None     |

# Indicates item not stocked at time of printing - Please enquire for lead time

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## Rod - Round - Nylon

| Part Number        | Nom. Dia (D) mm<br><i>inches</i> | Length (L) mm<br><i>inches</i> | Usual Diameter Tolerance | Grade                     | Colour       | Additive                     |
|--------------------|----------------------------------|--------------------------------|--------------------------|---------------------------|--------------|------------------------------|
| ROD-NY6B-010x1000  | 10<br><i>0.394</i>               | 1000 (1mtr)                    | +0.1 / +0.5              | 6SA Extruded              | Black        | None                         |
| ROD-NY66N-010x1000 | 10<br><i>0.394</i>               | 1000 (1mtr)                    | +0.1 / +0.5              | 66SA Extruded             | Natural      | None                         |
| ROD-NYMO-010x1000  | 10<br><i>0.394</i>               | 1000 (1mtr)                    | +0.1 / +0.5              | NYLATRON GS (PA66 + MoS2) | Grey / Black | Molybdenum Disulphide (MoS2) |
| ROD-NY66N-012x1000 | 12<br><i>0.472</i>               | 1000 (1mtr)                    | +0.2 / +0.7              | 66SA Extruded             | Natural      | None                         |
| ROD-NY6B-012x1000  | 12<br><i>0.472</i>               | 1000 (1mtr)                    | +0.2 / +0.7              | 6SA Extruded              | Black        | None                         |
| ROD-NYMO-012x1000  | 12<br><i>0.472</i>               | 1000 (1mtr)                    | +0.2 / +0.7              | NYLATRON GS (PA66 + MoS2) | Grey / Black | Molybdenum Disulphide (MoS2) |
| ROD-NYMO-015x1000  | 15<br><i>0.591</i>               | 1000 (1mtr)                    | +0.2 / +0.7              | NYLATRON GS (PA66 + MoS2) | Grey / Black | Molybdenum Disulphide (MoS2) |
| ROD-NY6B-016x1000  | 16<br><i>0.630</i>               | 1000 (1mtr)                    | +0.2 / +0.7              | 6SA Extruded              | Black        | None                         |
| ROD-NY66N-016x1000 | 16<br><i>0.630</i>               | 1000 (1mtr)                    | +0.2 / +0.7              | 66SA Extruded             | Natural      | None                         |

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| Part Number         | Nom. Dia (D) mm<br><i>inches</i> | Length (L) mm<br><i>inches</i> | Usual Diameter Tolerance | Grade                     | Colour       | Additive                     |
|---------------------|----------------------------------|--------------------------------|--------------------------|---------------------------|--------------|------------------------------|
| ROD-NYMO-016x1000   | 16<br><i>0.630</i>               | 1000 (1mtr)                    | +0.2 / +0.7              | NYLATRON GS (PA66 + MoS2) | Grey / Black | Molybdenum Disulphide (MoS2) |
| ROD-NYMO-020x1000   | 20<br><i>0.787</i>               | 1000 (1mtr)                    | +0.2 / +0.7              | NYLATRON GS (PA66 + MoS2) | Grey / Black | Molybdenum Disulphide (MoS2) |
| ROD-NY6B-020x1000   | 20<br><i>0.787</i>               | 1000 (1mtr)                    | +0.2 / +0.7              | 6SA Extruded              | Black        | None                         |
| ROD-NY66N-020x1000  | 20<br><i>0.787</i>               | 1000 (1mtr)                    | +0.2 / +0.7              | 66SA Extruded             | Natural      | None                         |
| ROD-NY66N-022x1000  | 22<br><i>0.866</i>               | 1000 (1mtr)                    | +0.2 / +0.9              | 66SA Extruded             | Natural      | None                         |
| ROD-NY6B-025x1000   | 25<br><i>0.984</i>               | 1000 (1mtr)                    | +0.2 / +0.9              | 6SA Extruded              | Black        | None                         |
| # ROD-NYMO-025x1000 | 25<br><i>0.984</i>               | 1000 (1mtr)                    | +0.2 / +0.9              | NYLATRON GS (PA66 + MoS2) | Grey / Black | Molybdenum Disulphide (MoS2) |
| ROD-NY66N-025x1000  | 25<br><i>0.984</i>               | 1000 (1mtr)                    | +0.2 / +0.9              | 66SA Extruded             | Natural      | None                         |
| ROD-NY66N-028x1000  | 28<br><i>1.102</i>               | 1000 (1mtr)                    | +0.2 / +0.9              | 66SA Extruded             | Natural      | None                         |

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## Rod - Round - Nylon

| Part Number          | Nom. Dia (D) mm<br><i>inches</i> | Length (L) mm<br><i>inches</i> | Usual Diameter Tolerance | Grade                     | Colour       | Additive                     |
|----------------------|----------------------------------|--------------------------------|--------------------------|---------------------------|--------------|------------------------------|
| ROD-NY6B-030x1000    | 30<br><i>1.181</i>               | 1000 (1mtr)                    | +0.2 / +0.9              | 6SA Extruded              | Black        | None                         |
| ROD-NY66N-030x1000   | 30<br><i>1.181</i>               | 1000 (1mtr)                    | +0.2 / +0.9              | 66SA Extruded             | Natural      | None                         |
| # ROD-NYMO-030x1000  | 30<br><i>1.181</i>               | 1000 (1mtr)                    | +0.2 / +0.9              | NYLATRON GS (PA66 + MoS2) | Grey / Black | Molybdenum Disulphide (MoS2) |
| # ROD-NY66N-032x1000 | 32<br><i>1.260</i>               | 1000 (1mtr)                    | +0.2 / +1.1              | 66SA Extruded             | Natural      | None                         |
| ROD-NY66N-035x1000   | 35<br><i>1.378</i>               | 1000 (1mtr)                    | +0.2 / +1.1              | 66SA Extruded             | Natural      | None                         |
| # ROD-NYMO-036x1000  | 36<br><i>1.417</i>               | 1000 (1mtr)                    | +0.2 / +1.1              | NYLATRON GS (PA66 + MoS2) | Grey / Black | Molybdenum Disulphide (MoS2) |
| # ROD-NY6B-035x1000  | 35<br><i>1.378</i>               | 1000 (1mtr)                    | +0.2 / +1.1              | 6SA Extruded              | Black        | None                         |
| # ROD-NYMO-040x1000  | 40<br><i>1.575</i>               | 1000 (1mtr)                    | +0.2 / +1.1              | NYLATRON GS (PA66 + MoS2) | Grey / Black | Molybdenum Disulphide (MoS2) |
| # ROD-NY6B-040x1000  | 40<br><i>1.575</i>               | 1000 (1mtr)                    | +0.2 / +1.1              | 6SA Extruded              | Black        | None                         |

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|---------------------|----------------------------------|--------------------------------|--------------------------|---------------------------|--------------|------------------------------|
| ROD-NY66N-040x1000  | 40<br><i>1.575</i>               | 1000 (1mtr)                    | +0.2 / +1.1              | 66SA Extruded             | Natural      | None                         |
| # ROD-NY6B-045x1000 | 45<br><i>1.772</i>               | 1000 (1mtr)                    | +0.3 / +1.3              | 6SA Extruded              | Black        | None                         |
| ROD-NY66N-045x1000  | 45<br><i>1.772</i>               | 1000 (1mtr)                    | +0.3 / +1.3              | 66SA Extruded             | Natural      | None                         |
| ROD-NY66N-050x1000  | 50<br><i>1.969</i>               | 1000 (1mtr)                    | +0.3 / +1.3              | 66SA Extruded             | Natural      | None                         |
| # ROD-NY6B-050x1000 | 50<br><i>1.969</i>               | 1000 (1mtr)                    | +0.3 / +1.3              | 6SA Extruded              | Black        | None                         |
| ROD-NYMO-050x1000   | 50<br><i>1.969</i>               | 1000 (1mtr)                    | +0.3 / +1.3              | NYLATRON GS (PA66 + MoS2) | Grey / Black | Molybdenum Disulphide (MoS2) |

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