

EXTRUDED PEEK RODS

|          |               |                |       |             |      |      | OmniPEEK |   | PEEK450G |   |         |   | PEEK GF30   |   | PEEK HPV - Modified |   | PEEK CA30 |   |
|----------|---------------|----------------|-------|-------------|------|------|----------|---|----------|---|---------|---|-------------|---|---------------------|---|-----------|---|
|          |               |                |       |             |      |      | ● Beige  |   | ● Beige  |   | ● Black |   | ● Beige/Tan |   | ● Black             |   | ● Black   |   |
| O/D (mm) | Weight (kg/m) | Tolerance (mm) |       | Length (mm) |      |      | S        | L | S        | L | S       | L | S           | L | S                   | L | S         | L |
| 5        | 0.040         | +0.10          | +0.60 |             |      | 3000 |          | ● |          |   |         |   |             |   |                     |   |           |   |
| 6        | 0.040         | +0.10          | +0.60 |             |      | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 8        | 0.075         | +0.10          | +0.70 |             |      | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 10       | 0.110         | +0.10          | +0.70 |             |      | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 10       | 0.130         | +0.10          | +0.70 |             |      | 3000 |          |   |          |   |         |   |             |   |                     | ● |           |   |
| 12       | 0.170         | +0.20          | +0.80 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   | ●         |   |
| 12       | 0.200         | +0.20          | +0.80 | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   | ●         |   |
| 15       | 0.280         | +0.20          | +1.00 | 1000        | 2000 | 3000 |          | ● |          |   |         |   |             |   |                     |   | ●         |   |
| 15       | 0.280         | +0.20          | +1.00 | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   | ●         |   |
| 16       | 0.290         | +0.20          | +1.00 | 1000        | 2000 | 3000 |          |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 20       | 0.440         | +0.20          | +1.00 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 20       | 0.520         | +0.20          | +1.00 | 1000        | 2000 | 3000 |          |   |          |   |         |   | ●           |   |                     |   |           |   |
| 20       | 0.490         | +0.20          | +1.00 | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   | ●         |   |
| 20       | 0.550         | *              | *     | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   |           | ● |
| 22       | 0.535         | +0.20          | +1.00 | 1000        | 2000 | 3000 |          |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 25       | 0.680         | +0.20          | +1.00 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 25       | 0.810         | +0.20          | +1.00 | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   |           |   |
| 25       | 0.760         | +0.20          | +1.00 | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   | ●         |   |
| 25       | 0.810         | *              | *     | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   |           | ● |
| 28       | 0.880         | +0.20          | +1.00 | 1000        | 2000 | 3000 |          |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 30       | 0.970         | +0.20          | +1.00 | 1000        | 2000 | 3000 |          |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 30       | 1.090         | +0.20          | +1.00 | 1000        | 2000 | 3000 | ●        |   |          |   |         |   |             |   |                     |   |           |   |
| 30       | 1.160         | +0.20          | +1.00 | 1000        | 2000 | 3000 |          |   |          |   |         |   | ●           |   |                     |   |           |   |
| 30       | 1.090         | +0.20          | +1.00 | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   | ●         |   |
| 30       | 1.140         | *              | *     | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   |           | ● |
| 32       | 1.110         | +0.20          | +1.20 | 1000        | 2000 | 3000 |          |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 35       | 1.350         | +0.20          | +1.20 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 40       | 1.750         | +0.20          | +1.20 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 40       | 2.050         | +0.20          | +1.20 | 1000        | 2000 | 3000 |          |   |          |   |         |   | ●           |   |                     |   |           |   |
| 40       | 1.930         | +0.20          | +1.20 | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   | ●         |   |
| 40       | 1.980         | *              | *     | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   |           | ● |
| 45       | 2.220         | +0.30          | +1.30 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 50       | 2.800         | +0.30          | +1.30 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 50       | 3.210         | +0.30          | +1.30 | 1000        | 2000 | 3000 |          |   |          |   |         |   | ●           |   |                     |   |           |   |
| 50       | 3.020         | +0.30          | +1.30 | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   | ●         |   |
| 50       | 3.000         | *              | *     | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   |           | ● |
| 56       | 3.430         | +0.30          | +1.30 | 1000        | 2000 | 3000 |          |   | ●        |   |         |   |             |   |                     |   |           |   |
| 60       | 4.000         | +0.30          | +1.60 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 60       | 4.620         | +0.30          | +1.60 | 1000        | 2000 | 3000 |          |   |          |   |         |   | ●           |   |                     |   |           |   |
| 60       | 4.350         | +0.30          | +1.60 | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   | ●         |   |
| 60       | 4.350         | +0.30          | +1.60 | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   |           | ● |
| 65       | 4.480         | +0.30          | +1.60 | 1000        | 2000 | 3000 |          | ● |          |   |         |   |             |   |                     |   |           |   |
| 70       | 5.360         | +0.30          | +1.60 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 70       | 5.750         | *              | *     | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   |           | ● |
| 75       | 6.140         | +0.30          | +1.60 | 1000        | 2000 | 3000 |          | ● |          |   |         |   |             |   |                     |   |           |   |

S: Stocked Item L: Subject to a leadtime or MOQ \*: Tolerances on Request

RODS

RODS

# EXTRUDED PEEK RODS

## CONTINUED

|          |               |                |       |             |      |      | OmniPEEK |   | PEEK450G |   |         |   | PEEK GF30   |   | PEEK HPV - Modified |   | PEEK CA30 |   |
|----------|---------------|----------------|-------|-------------|------|------|----------|---|----------|---|---------|---|-------------|---|---------------------|---|-----------|---|
|          |               |                |       |             |      |      | ● Beige  |   | ● Beige  |   | ● Black |   | ● Beige/Tan |   | ● Black             |   | ● Black   |   |
| O/D (mm) | Weight (kg/m) | Tolerance (mm) |       | Length (mm) |      |      | S        | L | S        | L | S       | L | S           | L | S                   | L | S         | L |
| 80       | 7.000         | +0.40          | +2.00 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 80       | 7.780         | *              | *     | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   |           | ● |
| 90       | 8.800         | +0.50          | +2.20 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 90       | 9.300         | *              | *     | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   |           | ● |
| 100      | 10.900        | +0.60          | +2.50 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 100      | 12.350        | *              | *     | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   |           | ● |
| 110      | 13.000        | +0.70          | +3.00 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 120      | 14.182        | +0.80          | +3.50 | 1000        | 2000 | 3000 | ●        |   | ●        |   |         | ● |             |   |                     |   |           |   |
| 130      | 18.050        | +0.80          | +3.50 | 1000        | 2000 | 3000 |          | ● |          |   |         |   |             |   |                     |   |           |   |
| 130      | 19.800        | *              | *     | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   |           | ● |
| 140      | 20.870        | +1.10          | +4.50 | 1000        | 2000 | 3000 |          | ● |          |   |         |   |             |   |                     |   |           |   |
| 150      | 24.490        | +1.10          | +4.50 | 1000        | 2000 | 3000 |          | ● |          | ● |         | ● |             |   |                     |   |           |   |
| 150      | 31.200        | *              | *     | 1000        | 2000 | 3000 |          |   |          |   |         |   |             |   |                     |   |           | ● |
| 180      | 35.260        | +1.10          | +4.50 | 1000        | 2000 | 3000 |          |   |          | ● |         | ● |             |   |                     |   |           |   |

## OVERVIEW

**PEEK**  
PEEK, or Polyether-ether-ketone, is a high-performance polymer known for its exceptional mechanical and chemical properties. Used in demanding engineering and medical applications.

**PEEK-GF30**  
PEEK-GF30, or Polyether-ether-ketone 30% glass filled, has significantly higher mechanical strength than standard PEEK. Making it suitable material for industries like aerospace, automotive and oil & gas.

**PEEK HPV - Modified**  
PEEK HPV - Modified, or Polyether-ether-ketone with carbon fibers, PTFE and graphite, has superior tribological (wear and friction) properties. Suitable for demanding wear and friction parts like bearing, bushes and seals.

**Peek CA30**  
PEEK CA30, or Polyether-ether-ketone 30% carbon filled, is suited for demanding, high-wear applications in Aerospace and Automotive industries.

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