

# Polyaramid/Polyphenylenesulfide Composite Rod

**Formula:** Polyaramid fibre - PPS Matrix

**Diameter:** 6.35mm

**Length:** 100mm

**Reinforced With:** Randomly Oriented Chopped Fibre

**UOM Code:** 165-919-90

**SKU:** 1000060105-group

**Product Code:** SU40-RD-000120

## Material Properties for Composites

### Mechanical Properties

Element	Value
Elongation at break( % )	1.5
Young's modulus - transverse( GPa )	9.6
Thermal expansion coefficient - long.( x10 <sup>-6</sup> strain K <sup>-1</sup> )	27