

# Polyurethane Rod

**Formula:** PU

**Diameter:** 25mm

**Length:** 50mm

**Colour:** Blue

**UOM Code:** 137-348-84

**SKU:** 1000041268-group

**Product Code:** UR30-RD-000125

## Material Properties for Polymers

### Chemical Resistance

Element	Value
Acids - concentrated	Fair
Acids - dilute	Good
Alkalis	Good

### Electrical Properties

Element	Value
Dissipation factor @ 1MHz	0.02
Dielectric strength( kV mm <sup>21</sup> )	7.6

### Physical Properties

Element	Value
Water absorption( % )	0.1
Density( gcm <sup>3</sup> )	1.2

### Mechanical Properties

Element	Value
Izod impact strength( J m <sup>21</sup> )	69.4

### Pultrusions

<b>Element</b>	<b>Value</b>
Compressive strength( MPa )	69