



Technical Data Sheet

Polyurethane Rod (WCMPUROD)

CHEMICAL DESCRIPTION: Polyurethane Ester (Pu)

PHYSICAL PROPERTIES

TENSILE STRENGTH: 14-63 Mpa
(DIN53504)

ELONGATION 510 - 710 %
(DIN53504)

HARDNESS: 35 - 95° Sh A

TEAR STRENGTH:
Without nick: 22 - 142 kN/m (ISO 34-1)
With nick: 7 - 72 kN/m (ISO 34-1)

RESILIENCE: 30-65% (DIN53512)

ABRASION LOSS: 30 - 45mm³ (ISO4649)

COMPRESSION SET DEFLECTION: 8 - 31% (ISO815-1)

SPECIFIC GRAVITY: 1.18 - 1.24



With its abrasion resistance characteristics Polyurethane is the material of choice when being used with aggressive media, or when longevity is required.

Certain hardness's can be machined into shapes for wheels, rollers and washers.

Pu rods are also commonly used as strippers in tool, die and metal stamping industries.

We offer Pu rods in a variety of colours in thicknesses from 12mm - 125mm. Generally the rods are supplied 12" (300mm) long, but certain diameters are available 500mm & 1000mm long.

Although this data sheet covers our general range, we can also supply rods in hardness's up to 60° Sh D to special order, subject to minimum order quantities.

POLYURETHANE



Certificate Number: 14352
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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