



Technical Data Sheet

Polyurethane (WCMPU)

CHEMICAL DESCRIPTION: Millable polyurethane (Pu), which may contain an ester group (AU) or an ether group (EU)

PROPERTIES

ASTM classification: AU (ester urethanes)
EU (ether urethanes)

Typical applications: Seals for high hydraulic pressure and highly stressed parts subject to wear

Advantages: Excellent tensile strength and anti-abrasion properties
Excellent ozone resistance
Good resistance to oils

Disadvantages: Poor resistance to some non-polar solvents
Poor steam resistance

Available hardness range (Sh. A): 25 - 85

Upper continuous service temp. (°C): 150

Min. temp. for sealing applications. (°C): -50

Minimum non-brittle temp. (°C): -80

Tensile strength (up to): 30 MPa

Elongation at break (up to): 600%

N.B. With all compounds, differing hardness's can affect final properties of the mix.

COMPOUND



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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