



Aramid- Glass packing

Article description: P641

Article forms: Rectangular or quadratic

Preparations: PTFE impregnation or PTFE graphite impregnation possible, depending on the type of application

Materials: E glass fibres (core material) with aramid staple fibre yarn (p-aramid, sheath)
Also possible with aramid continuous fibre (p-aramid)

Mechanical properties:

- Extremely hard and compact
- Aramid fibres are sensitive to UV radiation

Chemical properties:

- Good resistance to solvents, fuels, lubricants, salt water, oils, fats
- Not resistant to highly concentrated acids and alkalis, alkali metals, river acid (HF) and phosphoric acid (H₃PO₄)

Thermal properties:

Aramid staple fibre

- Flammable, but self-extinguishing
- Max. continuous temperature 300 °C
- Short-term 370 - 400 °C possible

E glass fibre

- Max. continuous temperature 550 °C
- Short-term 600 °C possible

PTFE impregnation

- Max. continuous temperature 250 °C
- Short-term 280 °C possible

Applications: Preparation of buffers for pulling (wire drawing unit).
Used during the plating process by zinc hot dipping - hot dip galvanizing.

Application limits: Depending on material with the lowest thermal resistance.

Dimensions: 5 - 25 mm edge length quadratic or rectangular (tolerance +/- 10 %)