



Ceramic glass-reinforced round packing

Ceramic Inconel-reinforced round packing

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Description

Ceramic packing guarantees excellent flexibility and mechanical resistance and can be used for continuous temperatures of up to 650°C (glass-fibre reinforced) or up to 1050°C (Inconel-reinforced). The product contains approximately 20% organic binders to facilitate the carding process. The binders burn at low temperatures, but without any effect on the special ceramic fibres. On request, it can be impregnated with graphite to increase lubricating power.

Applications

Sealing joints in boilers, industrial furnaces, oven doors, coke furnaces.

Standard sizes

| diameter mm | rolls m |
|----------------|------------|
| 5 | 100 |
| 6 | 100 |
| 8 | 100 |
| 10 | 50 |
| 12 | 50 |
| 15 | 50 |
| 20 | 30 |
| 22 | 30 |
| 25 | 30 |
| 30 | 10 |
| 35 | 10 |
| 40 | 10 |
| 50 | 10 |
| 60 | 10 |

Characteristics

| | |
|--------------------------------------|---|
| Colours | white |
| Melting point | 1260°C |
| Long term operating temperature: | |
| - reinforced with steel wire | 1050°C |
| - reinforced with glass threads | 650°C |
| Loss on ignition at high temperature | <18% |
| Chemical stability | excellent chemical stability resisting attack from most corrosive agents. Exceptions are fluorides, phosphoric acids and concentrated alkalis |

Chemical analysis

| | | |
|-----------------|--------------------------------|----------|
| Aluminium oxide | AL ₂ O ₃ | 45-48% |
| Silicon oxide | SiO ₂ | 51-55% |
| Iron oxide | Fe ₂ O ₃ | 0,7-1,2% |