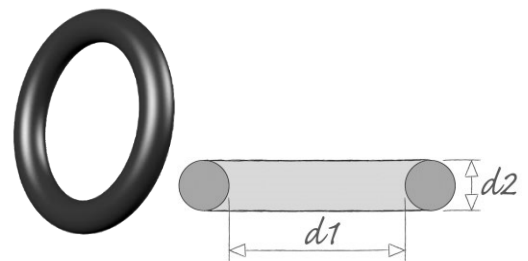


DATA SHEET

O-Ring 102446

PART INFORMATION

| | |
|---------------------------------------|-------------|
| Part number | 102446 |
| Inside diameter d1 | 2,90 mm |
| Cross-section d2 | 1,78 mm |
| Size standard | BS006/AS006 |
| Tolerance range according to | ISO 3601-1 |
| Rubber family | EPDM |
| Rubber compound | EP851 |
| Quality acceptance criteria on aspect | ISO 3601-3 |



EP851 COMPOUND INFORMATION

Original characteristics

| | |
|---------------------------------|------------------|
| Hardness Sh A | 80 |
| Tensile strength | 16 MPa |
| Elongation at break | 160 % |
| Compression set | 12 % (24h 150°C) |
| TR10 | -46 °C |
| Brittle point | -55 °C |
| Operational temperature range * | -50 °C / 140 °C |
| Peak temperature | 175 °C |

| | |
|--------------|-------|
| Rubber color | Black |
|--------------|-------|

EPDM FAMILY

Very good resistance

Water, steam and water-based solutions
Synthetic brake fluids
Atmospheric agents
Low temperature

Poor resistance

Mineral oils and hydrocarbons

Particularities

Fairly good mechanical behaviour

Typical applications

Hot and cold water taps
Drinking water
SF6 circuit breakers
Cooling circuit
Brake circuit
Heating circuit

* The temperature range is given as an indication and can be influenced by the environment, the fluids in contact and the operating conditions.

