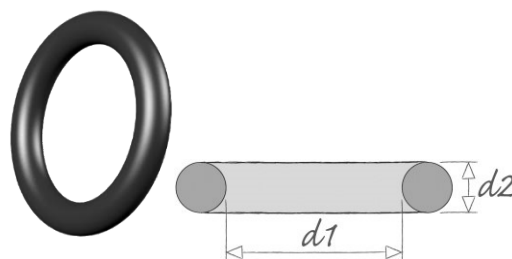


# DATA SHEET

## O-Ring 101088

## PART INFORMATION

|                                       |            |
|---------------------------------------|------------|
| Part number                           | 101088     |
| Inside diameter d1                    | 1,15 mm    |
| Cross-section d2                      | 1,00 mm    |
| Size standard                         | R000       |
| Tolerance range according to          | ISO 3601-1 |
| Rubber family                         | EPDM       |
| Rubber compound                       | 7EP1197    |
| Quality acceptance criteria on aspect | ISO 3601-3 |



## 7EP1197 COMPOUND INFORMATION

### Original characteristics

|                                 |                  |
|---------------------------------|------------------|
| Hardness Sh A                   | 70               |
| Tensile strength                | 14 MPa           |
| Elongation at break             | 180 %            |
| 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

## Official agreements

Food : FR, USA

Potable water : DE, FR, GB, IT, NL, USA

**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.

