

# DATA SHEET

## O-Ring 102319

### PART INFORMATION

|                                       |            |
|---------------------------------------|------------|
| Part number                           | 102319     |
| Inside diameter d1                    | 2,40 mm    |
| Cross-section d2                      | 1,90 mm    |
| Size standard                         | RO         |
| Tolerance range according to          | ISO 3601-1 |
| Rubber family                         | NBR        |
| Rubber compound                       | 7PD1612    |
| Quality acceptance criteria on aspect | ISO 3601-3 |



### 7PD1612 COMPOUND INFORMATION

#### Original characteristics

|                                 |                  |
|---------------------------------|------------------|
| Hardness Sh A                   | 70               |
| Tensile strength                | 21 MPa           |
| Elongation at break             | 225 %            |
| Compression set                 | 15 % (24h 125°C) |
| TR10                            | -24 °C           |
| Brittle point                   | -35 °C           |
| Operational temperature range * | -30 °C / 100 °C  |
| Peak temperature                | 130 °C           |

Rubber color                      Black

#### Official agreements

Food : FR, USA  
Potable water : DE, FR, GB, USA  
Gaz : EN549 – H3B2

### NBR FAMILY

#### Good resistance

Mineral oils  
Domestic gas  
Water up to 70 °C  
Fuels  
Aliphatic solvents

#### Poor resistance

Acids  
Atmospheric agents  
Brake fluids

#### Particularities

Good mechanical characteristics

#### Typical applications

Hydraulic & pneumatic  
Valves & fittings water and mineral gas  
Mineral oil & fuel circuits

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

