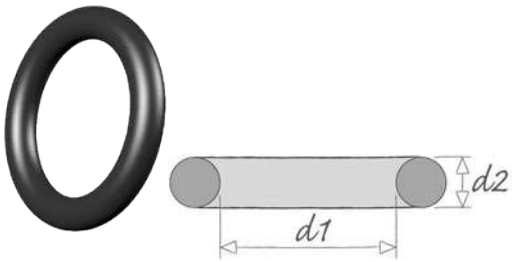
HUTCHINSON®

# DATA SHEET
# O-Ring 182206

## PART INFORMATION

| | |
|---|---|
| Part number | 182206 |
| Inside diameter d1 | 278,99 mm |
| Cross-section d2 | 3,53 mm |
| Size standard<br>Tolerance range according to | BS276/AS276<br>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 |

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

## 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

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