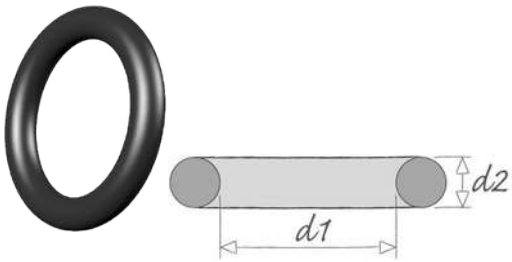
HUTCHINSON®

# DATA SHEET
# O-Ring 116800

## PART INFORMATION

| | |
|---|---|
| Part number | 116800 |
| Inside diameter d1 | 16,00 mm |
| Cross-section d2 | 4,00 mm |
| Size standard<br>Tolerance range according to | <br>ISO 3601-1 |
| Rubber family | NBR |
| Rubber compound | PC851 |
| Quality acceptance criteria on aspect | ISO 3601-3 |




## PC851 COMPOUND INFORMATION

**Original characteristics**

| | |
|---|---|
| Hardness Sh A | 80 |
| Tensile strength | 17 MPa |
| Elongation at break | 225 % |
| Compression set | 15 % (24h 100°C) |
| TR10 | -25 °C |
| Brittle point | -35 °C |
| Operational temperature range * | -30 °C / 100 °C |
| Peak temperature | 120 °C |

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

**Official agreements**
Gaz : EN549 – H3B1

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

## NBR FAMILY

**Good resistance**
Mineral oils
Domestic gas
Water up to 70 °C
Fuels
Aliphatic solvants

**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

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