

DATA SHEET

O-Ring 109412

PART INFORMATION

Part number	109412
Inside diameter d1	9,52 mm
Cross-section d2	1,78 mm
Size standard	R8BIS
Tolerance range according to	ISO 3601-1
Rubber family	NBR
Rubber compound	PD501
Quality acceptance criteria on aspect	ISO 3601-3



PD501 COMPOUND INFORMATION

Original characteristics

Hardness Sh A	50
Tensile strength	12 MPa
Elongation at break	400 %
Compression set	15 % (24h 100°C)
TR10	-30 °C
Brittle point	-40 °C
Operational temperature range *	-30 °C / 100 °C
Peak temperature	120 °C

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

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.

