

DATA SHEET

O-Ring 177610

PART INFORMATION

Part number	177610
Inside diameter d1	227,97 mm
Cross-section d2	6,99 mm
Size standard	R75/BS447/AS447
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
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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.

