

DATA SHEET

O-Ring 189663

PART INFORMATION

Part number	189663
Inside diameter d1	447,00 mm
Cross-section d2	7,00 mm
Size standard	
Tolerance range according to	ISO 3601-1
Rubber family	NBR
Rubber compound	PB701
Quality acceptance criteria on aspect	ISO 3601-3



PB701 COMPOUND INFORMATION

Original characteristics

Hardness Sh A	70
Tensile strength	17 MPa
Elongation at break	400 %
Compression set	12 % (24h 100°C)
TR10	-20 °C
Brittle point	-30 °C
Operational temperature range *	-30 °C / 100 °C
Peak temperature	120 °C

Rubber color Black

Official agreements

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.

