

DATA SHEET

O-Ring 107877

PART INFORMATION

Part number	107877
Inside diameter d1	7,65 mm
Cross-section d2	1,78 mm
Size standard	BS011/AS011
Tolerance range according to	ISO 3601-1
Rubber family	NBR
Rubber compound	7PD1612
Quality acceptance criteria on aspect	ISO 3601-3



7PD1612 COMPOUND INFORMATION

Original characteristics

Hardness Sh A	70
Tensile strength	21 MPa
Elongation at break	225 %
Compression set	15 % (24h 125°C)
TR10	-24 °C
Brittle point	-35 °C
Operational temperature range *	-30 °C / 100 °C
Peak temperature	130 °C

Rubber color Black

Official agreements

Food : FR, USA
Potable water : DE, FR, GB, USA
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.

