

# N1059-90 Product Data Sheet

## Oil & Gas applications

In conjunction with Parker Seals, this range of high performance materials for Oil & Gas meets the most challenging and demanding applications for aggressive chemicals, gas and high temperatures. These materials offer excellent chemical and thermal resistance and thermal stability under these extreme application conditions.

We provide our customers with the highest quality products and technical support on seal design, material recommendation, installation techniques and test analysis, specifically for the oil & gas market.

N1059-90 is a general purpose NBR material.

**Basic Polymer: NBR**

**Hardness: 90 +/- 5 Shore A**

**Temperature range: -34°C to +121°C**

**Colour: Black**

### Recommended for:

- Low compression set
- Mineral oil and grease
- IRM 901, IRM 902, IRM 903 oils
- Silicone oil and grease
- Extrusion resistance

Original Physical Properties	Results
Hardness (Shore A)	87
Tensile Strength, MPa	21.71
Elongation at break, min	100
Modulus @ 50% Elongation, MPa	21.71
Compression Set (70hrs @100°C ASTM D395) %	15.1

### Products

- O-rings
- Moulded shapes

These results represent typical material properties. They are achieved under laboratory conditions and do not necessarily correspond to results measured on finished goods. It does not absolve the customer of the responsibility to make tests for their intended process or purpose. Ceetak Ltd makes no warranties and assumes no liability in connection with any use of this information.