

P4615A90 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.

P4615 Molythane® is suitable for water, high temperature steam, and 10% oil and steam combination. It is ISO23936-2 H₂S 10% approved.

Basic Polymer: TPU

Hardness: 90 +/- 5 Shore A

Temperature range: -54°C to +93°C

Colour: Black

Recommended for:

- Petroleum based oils
- Hydrocarbon based fuels
- Acid or Alkaline solutions under 10%
- Salts
- Water based fluids under 55°C



Original Physical Properties	Results
Hardness (Shore A)	95
Tensile Strength, MPa	58.67
Ultimate Elongation, MPa	505
Modulus, @100% (D412)	12.56
Compression Set (70hrs @ 70°C) %	29.2
Specific Gravity (D395)	1.20

Products

- Moulded shapes
- Polypaks®

These results represent typical material properties and are not to be used for specification purposes. 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.