

Z4651D60 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.

Z4651D60 TPCE is a Polymyte® material is ISO23936-2 H₂S 10% approved.

Basic Polymer: TPCE

Hardness: 60 +/- 5 Shore D

Temperature range: -54°C to +135°C

Colour: Orange

Recommended for:

- Applications requiring extended extrusion resistance and fluid compatibility
- High tear and abrasion resistance
- Petroleum fluids
- Water up to 80°C

Original Physical Properties

Results

Hardness (Shore D)	58
Tensile Strength, MPa	39.85
Elongation at break %	797
Modulus, @ 100% elongation, MPa	15.25
Compression Set (22hrs @ 70°C) %	44.2
Specific Gravity	1.19

Products

- Moulded shapes
- Back-up rings
- 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.