

L70C247 Product Data Sheet

Automotive applications

We have an extensive range of elastomeric materials to meet the increasing demands of all automotive applications; including transmission, braking, cooling, fuel, air and exhaust management and ancillary systems. Our materials comply to numerous industry standards and customer approvals, and as automotive technologies continue to evolve, in areas including bio fuels and additives such as AdBlue®.

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 automotive market.

L70C247 is a fluorosilicone with excellent low temperature flexibility and good resistance to fuel and aromatic mineral oil.

Basic Polymer: FVMQ

Hardness: 70 +/- 5 Shore A

Temperature range: -60°C to +170°C

Colour: Blue

Recommended for:

- Fuels
- Aromatic mineral oils
- Benzene & Toluene
- Ozone & weathering
- Approved for Toyota TSB6100G specification

Original Physical Properties	Results
Hardness (Shore A)	71
Tensile Strength, MPa	8.61
Elongation at break (%)	182
Modulus @ 100% Elongation (MPa)	4.54
Compression Set (22Hrs @ 175°C, %)	13.6
Specific Gravity (g/cm ³)	1.46

Products

- O-rings
- Bespoke mouldings
- Grommets
- Lip seals
- Gaskets
- Diaphragms
- Rotary/oil seals
- Bonded washers
- Composite seals

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.