

# BUTYL RUBBER

'Elastic' properties. These materials are generally long chain molecules known as 'polymers' and the combination of elastic and polymer has led to the alternative name of 'elastomers'.



## SERVICE:

Rubber or elastomers is a material which at room temperature can be stretched repeatedly to at least twice its original length and upon immediate release of the stress, will return with force to approximately its original length.

**Colour:** Black

**Maximum temperature:** 100 °C

## TYPICAL PHYSICAL PROPERTIES:

Polymer	Butyl
Durometer	50 +/-5 Shore A
Tensile Strength	5 MPa (minimum)
Tear Growth Resistance	7.5 N/mm
Elongation	370% (minimum)
Specific Gravity (Sg)	1.27
Abrasion Resistance	320 mm <sup>3</sup> (maximum)
Maximum Temperature	100 °C

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