



"When you need Rubber Products, Find SIP Rubber!"

Technical Data Sheet - Butyl

General Properties & Applications:

A synthetic rubber, or elastomer, butyl rubber is impermeable to air and used in many applications requiring an airtight rubber. Butyl rubber has excellent impermeability, and the long polyisobutylene segments of its polymer chains give it good flex properties. Butyl has very low resilience which makes it ideal for vibration damping and shock absorption applications.

Technical Data:

Typical Properties	Range	Units
Temperature	-40 to 120	° Celcius
Pressure	1000	kPa
Tensile Strength	7	Mpa
Compression Set	30	%
Hardness	40 to 80	Shore A
Elongation at break	800	%
Specific Gravity	1.22	g/cc
Tear Strength	30	Kg/cm
Ozone Resistance	Excellent	

* Results above are based on test slabs, results from the actually products may be different. This specification is subject to change without notice. Please contact our staff to assist you in finding the correct material for your solution.

