Bromobutyl Rubber
The unique physical and chemical properties

The International Bromine Council

PRODUCTS MADE FROM RUBBER ARE A VITAL PART OF EVERYDAY LIVING

Br Bromine + Butyl rubber = BROMOBUTYL RUBBER

The addition of bromine to butyl rubber confers considerable added value to products.

THE BENEFITS

1. Stability and resistance at high temperatures
2. Rejuvenating capabilities
3. Increased adhesion to other rubber and metals
4. Improved ozone and environmental resistance

What are the applications?

Tough, protective and cost-efficient, bromobutyl rubber offers multipurpose solutions, ideal for use in many important applications.

ABOUT BROMINE

Bromine's symbol is Br. It is part of the halogen group of the periodic table. Bromine is a reddish brown liquid. It is never naturally found in its elemental form but in inorganic compounds, known also as bromides, and in natural bromo-organiccompounds. These are foundin soils, salts, air and sea water.

TYRES

Bromobutyl rubber makes vehicles safer to drive and tyres to last much longer, protecting the environment from unnecessarily waste, reducing resource use, energy use and avoiding CO2 emissions. The use of bromobutyl rubber can help meet EU sustainable mobility and climate action goals.

MEDICAL STOPPERS AND MEMBRANES

The self-sealing capacity of bromobutyl stoppers and membranes, improves the cleanliness, shelf life and the effective storage of bottles and other essential medical and scientific items.

CONVEYOR BELTS

The excellent heat and chemical stability of bromobutyl rubber makes it ideal for specialty conveyor belts, used in facilities which experience extreme temperatures. Bromobutyl rubber helps to protect workers and keeps operations safer.

WINDSCREEN WIPERS

Resistance to weather and temperature changes, make bromobutyl rubber appropriate for use in windscreen wipers as it adds to their durability, improving the driving experience and overall safety of the vehicle.

DID YOU KNOW THAT BROMINE CONTRIBUTES TO THE SAFETY OF MOTORISTS?

...BY AVOIDING TYRE FAILURE