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## BROMO BUTYL RUBBER - BBK-232

CAS Number: 68441-14-5 Design specification: TU 2294-096-05766801-2000

This is a product of butyl rubber bromination with unsaturation of not less than 1.8 % mol. Chlorobutyl rubber is designed for use in the tire and rubber production industry for the manufacture of medical and general purpose articles.

Item	Specification	Test Method
Mooney viscosity ML 1+8 (125° C)	28 - 35	Para graph 4.2 of TU, or ASTM D 1646
Bromine mass content percent	1.80 – 2.20	Para graph 4.3 of TU, or ASTM E 442
Ash mass content – not more than – percent	0.70	Para graph 4.4 of TU, or ISO 247 or ASTM D 5667
Antioxident “Irganox 1076”, mass content, percent	0.05	Paragraph 4.6 of TU
Loss of mass at drying, percent maximum	0.70	Para graph 4.7 of TU, or ISO 248 or ASTM D 5668
Modulus at 300% elongation, MPa, minimum	4.5	Para graph 4.10 of TU, or ISO 37 or ASTM D 412
Tensile Strength, MPa, minimum	14	Paragraph 4.10 of TU or ISO 37 or ASTM D 412
Ultimate elongation, percent minimum	400	Paragraph 4.10 of TU or ISO 37 or ASTM D 412

**Supply Form:** 30 (plus/minus 1) kilo bales

**Packaging:** Polyethylene film, wooden and metal pallet boxes

**Storage:** Rubber in pallet boxes should be stacked maximum three tiers high. Storage in warehouses, away from direct sun and precipitation and contamination at temperature not higher than 30° C (86° F).

Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. This specification does not release the customer from obligation to check the product as to its suitability for the intended area of usage. We do not accept any liability for loss and/or damage which may occur as a result of the use of this information.

Revised: December 3, 2003