

**BROMOBUTYL RUBBER**

Bromobutyl rubbers are products of butyl rubber bromination with unsaturation of at least 1.8 % mol. It is used in production of tires, rubber-technical and medical articles.

CAS Number: 68441-14-5

Design specification: TU 2294-096-05766801-2000

PROPERTY	VALUE			TEST METHOD
	BBK-232	BBK-239	BBK-246	
Mooney Viscosity, ML 1+8 (125°C)	28-35	36-42	43-50	para. 4.2 of TU or ASTM D 1646
Bromine mass content, %	1.8 - 2.2	1.8 - 2.2	1.8 - 2.2	para. 4.3 of TU or ASTM E 442
Ash mass content, %, max.	0.7	0.7	0.7	para. 4.4 of TU or ISO 247 or ASTM D 5667
Irganox 1076 antioxidant mass content, %	0.05	0.05	0.05	para. 4.6 of TU
Loss of mass at drying, %, max.	0.7	0.7	0.7	para. 4.7 of TU or ISO 248 or ASTM D 5668
Modulus at 300% elongation, MPa, min.	4.5	5	5	para. 4.10 of TU or ISO 37 or ASTM D 412
Tensile strength, MPa, min.	14	15	15	para. 4.10 of TU or ISO 37 or ASTM D 412
Ultimate elongation, %, min.	400	400	400	para. 4.10 of TU or ISO 37 or ASTM D 412

**Supply form:** 30±1 kg bales.

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

**Transportation:** Product is transported by all means of transport.

**Storage:** Rubber in pallet boxes should be stacked maximum three tiers high. Rubber in bags should be stacked not higher than 1.2 meters. Storage in warehouses, away from direct sun-rays, atmospheric precipitation and contamination at temperature not higher than 30°C.

\*The figures indicated on the table are standard values.