

**TECHNICAL SPECIFICATION**

Recent revision date: 07.12.2012

**BUTYL RUBBER BK -1675N**

BK-1675N is a product of isobutylene and isoprene copolymerization in methyl chloride medium.

This type of rubber is used for production of tire inner tubes, diaphragms of shaper-vulcanizers, butyl latex and for other technical industrial purposes.

**Chemical name:** Polymer of 2-methylprone-1 with 2-methylbutadiene-1,3

**Empirical formula:**  $[C_4H_9]_n [C_5H_8]_m$

**Technical requirements:** **TU 2294-034-05766801-2002**

**Product properties**

PROPERTY	Specification for BK-1675N		TEST METHOD
	Premium Grade	First Grade	
1. Mooney viscosity ML 1+8 (125°C), in the range	46-56	46-56	para. 4.2 TU 2294-034-05766801-2002 or ASTM D 1646
2. Viscosity spread in a lot, units, max.	6	6	-
3. Unsaturation, % mol.	1.6±0.2	1.6±0.2	para. 4.3 TU 2294-034-05766801-2002
4. Mass loss at drying, %, max.	0.30	0.30	para. 4.4 TU 2294-034-05766801-2002 or ASTM D 5668
5. Ash mass content, %, max.	0.30	0.40	para. 4.5 TU 2294-034-05766801-2002
6. Iron mass content, %, max.	0.010	0.020	para. 4.6 TU 2294-034-05766801-2002
7. Antiagglomerate mass content, %, max.	1.1	1.2	para. 4.7 TU 2294-034-05766801-2002
8. Stabilizer mass content, %, in the range			
Agidol-2 or Agidol -2A or the analogues	0.05-0.20		para. 4.8 TU 2294-034-05766801-2002
or Irganox -1010 or its analogue	->-		para. 4.9 TU 2294-034-05766801-2002
or mixture of Agidol -2 (Lavinox) or its analogue and Irganox-1010 or its analogue	->-		para. 4.10 TU 2294-034-05766801-2002
or Wingstey L	->-		para. 4.11 TU 2294-034-05766801-2002
9. Foreign inclusions	none		para. 4.12 TU 2294-034-05766801-2002
10. Curing characteristics (rheometric characteristics)	optional		para. 4.13 TU 2294-034-05766801-2002

<b>Supply form:</b>	30 ± 1 kg bales.
<b>Packaging:</b>	Bales are packed in EVA or PE film, then placed into wooden box or plastic pallets covering their bottom by means of PE film.
<b>Transportation:</b>	Rubber is transported in covered railway cars or covered trucks.
<b>Storage:</b>	Rubber shall be stored packed in box pallets in stacks not higher than three pallets each. Prevent from contamination, direct sun rays and atmospheric precipitation.