

BUTYL RUBBER BK-1675N

Butyl rubber BK-1675N is a product of isobutylene and isoprene copolymerization.

Chemical name: Isobutylene-isoprene copolymer

Application: manufacture of tire inner tubes, press bladder diaphragms and butyl rubber latex, and other industrial applications.

Empiric formula: $(C_4H_8)_m(C_5H_8)_n$

Standard specification: TU 2294-034-05766801-2002

Property	Value		Test method
	Premium grade	First grade	
1. Mooney Viscosity ML 1+8 (125 °C), MU	46-56		para. 4.2 TU
2. Viscosity spread in a lot MU, max	6		para. 4.2 TU
3. Unsaturation, mol%	1,6±0.2		para. 4.3 TU
4. Loss on drying, %, max	0.30		para. 4.4 TU
5. Ash, wt%, max	0.30	0.40	para. 4.5 TU
6. Iron, wt%, max	0.010	0.020	para. 4.6 TU
7. Adhesion reducing agent, wt%, max	1.1	1.2	para. 4.6 TU
8. Stabilizer, wt%			
Agidol-2 or Agidol-2A or similar	0.05-0.20		para. 4.8 TU
or Irganox 1010 or similar	0.05-0.20		para. 4.9 TU
or mix of Agidol-2 (Lavinox) and Irganox 1010 or similar	0.05-0.20		para. 4.10 TU
or Wingstey-L	0.05-0.20		para. 4.11 TU
9. Impurities	No		para. 4.12 TU
10. Curing characteristics (rheometric characteristics):			
M _L , dNm	2.4-4.4		para. 4.13 TU
M _H , dNm	16.0-20.0		para. 4.13 TU
t _{S1} , minutes	1.1-3.1		para. 4.13 TU
t ₅₀ , minutes	4.0-8.0		para. 4.13 TU
t ₉₀ , minutes	22.0-26.0		para. 4.13 TU

Product form: 30±1 kg bales

Package: For bales:

- colorless non-modified PE film of T and M type; web, tubular or center-fold film, 0.050×(700-800) in one or two layers;
- EVA tubular film, 0.050×(750×2) mm

Shipping package: Product is stored and shipped in polymer pallet boxes or metal containers such as MB-5 (or its analogs). Before loading pallet box or containers internal surface is covered with PE bag (liner) to protect from contamination; after loading the box is closed and wrapped with belt. Two shipping labels are applied to each pallet box or containers.

Transportation: Rail way shipment by less than-carload-freight or single wagon load or group load. Truck shipment in covered vehicles in accordance with the applicable transportation rules.

Storage: Pallet boxes or containers with rubber are kept in stacks in warehouses, protected from contamination and away from direct sunlight and rainfall.

The stacks height should not be:

- more than three pallets in height - for box pallets;
- more than five boxes in height - for metal containers.

Guarantee shelf life - 1 year from the date of production.

The information herein is based on our data compiled and believed to be reliable on the revision date. This specification does not release customer from the responsibility to check the product for fitness for the intended use. Producer disclaims liability for any loss or damage arising from usage of this information.