

## BUTYL RUBBER BK-1675M (MEDICAL GRADE)

<b>Butyl rubber BK-1675M</b>	Product of isobutylene and isoprene copolymerization
<b>Application</b>	Production of medical goods
<b>Chemical name</b>	Isobutylene-isoprene copolymer
<b>Empiric formula</b>	(C <sub>4</sub> H <sub>8</sub> ) <sub>m</sub> (C <sub>5</sub> H <sub>8</sub> ) <sub>n</sub>
<b>Standard specification</b>	TU 2294-034-05766801-2002

PROPERTY	VALUE	TEST METHOD
Mooney Viscosity ML 1+8 (125 °C), MU	40 - 50	ASTM D 1646
Viscosity spread in a lot MU, max	6	ASTM D 1646
Unsaturation, mol%	1.6 - 0.2	Paragraph 4.3 TU
Loss on drying, %, max	0.40	ASTM D 5668
Ash, wt%, max	0.35	ASTM D 5667
Iron, wt%, max	0.020	Paragraph 4.6 TU
Adhesion reducing agent, wt%, max	1.2	Paragraph 4.6 TU
Stabilizer, wt%		
Agidol-2 or Agidol-2A or similar	0.05 - 0.20	Paragraph 4.8 TU
or Irganox 1010 or similar	0.05 - 0.20	Paragraph 4.9 TU
or mix of Agidol-2 (Lavinox) and Irganox 1010 or similar	0.05 - 0.20	Paragraph 4.10 TU
or Wingstey-L	0.05 - 0.20	Paragraph 4.11 TU
Impurities	No	Paragraph 4.12 TU
pH of aqueous extract	6.5 - 7.5	Paragraph 4.7 TU

<b>Supply form</b>	30 ± 1 kg bales
<b>Packaging</b>	Bales are wrapped in a PE film and packed in plastic pallet boxes
<b>Transportation</b>	Closed containers or trucks
<b>Storage</b>	Pallets with rubber are kept in max. 3 level stacks away from direct sunlight, rainfall and contamination

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