

**BK-1675 N**  
**(TU 2294-034-05766801-2002)**

**Chemical name:** 2-Methylpropene-1 polymer with 2-methylbutadien-1,3

**Empirical Formula:**  $[C_4H_9]_N[C_5H_8]_M$

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, latex of butyl rubber.

**MAIN QUALITY SPECIFICATIONS**

	<b>TEST METHOD</b>	<b>PREMIUM</b> Typical Value	<b>FIRST</b> Typical Value
<b>Mooney Viscosity, ML 1+8 (125 °C)</b>	§ 4.2 of TU	46 – 56	46 – 56
<b>Viscosity spread in one lot, max.</b>		6	6
<b>Unsaturation ,% mol.</b>	§ 4.3. TU	1.6 ± 0.2	1.6 ± 0.2
<b>Tensile strength, MPa min.</b>	§ 4.4. TU	20	19
<b>Ultimate elongation, %, min.</b>	§ 4.4. TU	620	600
<b>Modulus at 400% elongation, MPa min.</b>	§ 4.4. TU	7	7
<b>Loss of mass at drying, %, max.</b>	§ 4.5. TU	0.30	0.30
<b>Ash mass content, %, max.</b>	§ 4.6. TU	0.30	0.30
<b>Iron mass content, %, max.</b>	§ 4.7. TU	0.010	0.020
<b>Antiaglomerate mass content, %, max.</b>	§ 4.8. or 4.9 TU	1.1	1.2
<b>Stabilizer mass content,%:</b>			
Agidol 2 or Agidol 2A	§ 4.10. TU	0.05 – 0.20	0.05 – 0.20
or Irganox 1010	§ 4.11. TU	0.05 – 0.20	0.05 – 0.20
or Wingstey L	§ 4.12. TU	0.05 – 0.20	0.05 – 0.20
or a mix of Agidol2 (Lavinox) and Irganox 1010	§ 4.12. TU	0.05 – 0.20	0.05 – 0.20

<b>Supply form</b>	30±1 kg bales
<b>Packaging</b>	Polyethylene film, wooden and metal pallet boxes
<b>Transportation</b>	Product is transported by all means of transport
<b>Storage</b>	Rubber in pallet boxes should be stacked maximum three tires high. Store in warehouses, away from direct sun-rays, atmospheric precipitation and contamination