

BUTYL RUBBER BK-1675N

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| Butyl rubber BK-1675N | Product of isobutylene and isoprene copolymerization |
| Application | Manufacture of tire inner tubes, bladders, butyl rubber latex, and other Industrial applications |
| Chemical name | Isobutylene-isoprene copolymer |
| Empiric formula | (C ₄ H ₈) _m (C ₅ H ₈) _n |
| Standard specification | TU 2294-034-05766801-2002 |

| PROPERTY | VALUE | TEST METHOD |
|---|-------------|-------------------|
| Mooney Viscosity ML 1+8 (125°C) | 46 - 56 | 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 | 0.30 | ASTM D 5668 |
| Ash, wt%, max | 0.30 | ASTM D 5667 |
| Iron, wt%, max | 0.010 | Paragraph 4.6 TU |
| Adhesion reducing agent, wt%, max | 1.1 | Paragraph 4.6 TU |
| Stabilizer, wt% | 0.05 - 0.20 | |
| Impurities | No | Paragraph 4.12 TU |
| Curing characteristics (rheometric characteristics) | | |
| ML, dNm | 2.4 - 4.4 | Paragraph 4.13 TU |
| MH, dNm | 16 - 20 | |
| tS1, minutes | 1.1 - 3.1 | |
| t50, minutes | 4.0 - 8.0 | |
| t90, minutes | 22 - 26 | |

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

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