

BUTYL RUBBER BK-1675N

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	

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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