

POLYISOPRENE RUBBER SKI-3

SKI-3	Product of solution polymerization of isoprene over titanium-based catalyst
Application	Manufacture of rubber goods, tires and other products
Chemical name	Cis-1,4-polyisoprene
Empiric formula	$[(C_5H_8)]_n$
Standard specification	TU 20.17.10-141-05766801-2018

PROPERTY	VALUE	TEST METHOD
Mooney Viscosity ML 1+4 (100°C)	75 - 85 65 - 74	Paragraph 4.2. TU
Viscosity spread within one lot, max	8	Paragraph 4.2. TU
Loss on drying, %, max	0.60	Paragraph 4.3. TU
Ash, wt%, max	0.50	Paragraph 4.4 TU
Metals, wt%, max Iron Titanium	0.004 0.06	Paragraph 4.5 TU
Antioxidant C-789 (or similar), wt%	0.20 - 0.40	Paragraph 4.6. TU
Stearic acid, wt%	0.6 - 1.4	Paragraph 4.7. TU
Curing characteristics ML, dNm MH, dNm tS1, minutes t50, minutes t90, minutes	Optional	Paragraph 4.8 TU

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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