

SKI-3
(GOST 14925-79)

Chemical name: Poly-2-methyl-1,3-butadiene[Z]

Empirical Formula: [C₅H₈]_N

SKI-3 is a synthetic isoprene rubber with CIS-1.4 chains content of at least 96%. It can be used independently or in composition with other rubbers for production of tires, different kinds of rubber-technical articles, rubber footwear, sports equipment, bitumen mastics and water-repellent specification: mixtures.

MAIN QUALITY SPECIFICATIONS

	TEST METHOD	Group I Typical Value	Group II Typical Value
Mooney Viscosity, ML 1+4 (100°C)	§ 4.2 of GOST	75 – 85	65 – 74
Viscosity spread in one lot, not more than	§ 4.2 of GOST	8	8
Plasticity	§ 4.3 of GOST	0,30 – 0,35	0,30 – 0,35
Plasticity spread in one lot, not more than	§ 4.3 of GOST	0,05	0,05
Elastic recovery after determination of plasticity, mm, not more than	§ 4.3 of GOST	1,8	1,7
Tensile strength MPa (kgF/cm²), mm: at 23°C at 100°C	§ 4.4 of GOST	30,4 (310) 21,6 (220)	30,4 (310) 21,6 (220)
Ultimate elongation, %, mm., not less than	§ 4.4 of GOST	800	800
Ash mass content, %, not more than	§ 4.5 of GOST	0,5	0,5
Metals mass content, %, not more than: copper iron, titanium	§ 4.6 of GOST	0,0001 0,004 0,06	0,0001 0,004 0,06
Loss of mass at drying, %, not more than	§ 4.7 of GOST	0,6	0,6
Stearic acid mass content, %	§ 4.8 of GOST	0,6 – 1,4	0,6 – 1,4
Antioxidant mass content, %, mm., not less than: Dusantox L or Flexzone 11L	§ 4.10.5 of COST	0,2 0,2	0,2 0,2

Supply form 30±1 kg bales

Packaging Polyethylene film, paper bags, wooden and metal pallet boxes, special containers. As per customer requirements bale packing in two layers of film is possible.

Transportation Product in pallet boxes is transported in covered wagons and large capacity containers with batching. Product in paper bags is transported without batching.

Storage Storage in warehouses away from direct sunrays, atmospheric precipitation and contamination at temperature not exceeding 30°C.