

POLYBUTADIENE RUBBER ND-PBR (SKDN)

Polybutadiene rubber	Product of butadiene polymerization in aliphatic hydrocarbons medium over neodymium catalyst system.
Application	Manufacture of tires and rubber goods
Chemical name	cis-1.4-polybutadiene
Empiric formula	(- CH ₂ CH=CHCH ₂ -) n
Standard specification	TU 2294-100-05766801-2003

PROPERTY	VALUE	TEST METHOD
Mooney Viscosity, ML 1+4 (100 °C)	40 - 49	Paragraph 4.2 TU
Mooney Viscosity spread in a lot, max	6	Paragraph 4.2 TU
Loss on drying, %, max	0.5	Paragraph 4.3 TU
Antioxidant Irganox 1520L (or similar), wt%, min:	0.20	Paragraph 4.4 TU
Ash, wt%, max	0.5	Paragraph 4.5 TU
Curing characteristics - ML, dNm - MH, dNm - tS1, minutes - t50, minutes - t90, minutes	Not rated	Paragraph 4.6 TU
Cis-content, min, %	96 (upon request)	TU (Appendix A)

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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