

POLYBUTADIENE RUBBER ND-PBR (SKDN)

Product of butadiene polymerization in aliphatic hydrocarbons medium over neodymium catalyst system. Chemical name: cis-1,4-polybutadiene

Application: manufacture of tires and rubber goods and other sectors of national economy, manufacture of technical and industrial goods. Empiric formula: $(-CH_2CH=CHCH_2-)_n$

Standard specification: TU 2294-100-05766801-2003

Property	Value				Test Methods
	groups			grades	
	1	2	3	44M1	
1 Mooney Viscosity, ML 1+4 (100 °C)	40-49	50-59	60-70	40-49	para. 4.2 TU
2 Mooney Viscosity spread in a lot, max	6			6	para. 4.2 TU
3 Loss on drying, %, max	0.5			0.5	para. 4.3 TU
4 Antioxidant Irganox 1520L (or similar), wt%, min:	0.20			0.2	para. 4.4 TU
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5 Ash, wt%, max	0.5			0.5	para 4.5 TU
6 Curing characteristics -minimum torque M_L , dNm - maximum torque, M_H , dNm - tS1, minutes - t50, minutes' - t90, minutes'	Not rated Determination is mandatory			-	para 4.6 TU
Cis-content, min, %	96 (upon request)				TU (Appendix A)
Notes: For 44M1 grade, maximum 2.6 MWD is guaranteed by the process technology and measured according to GOST R 57268.3 and para. 4.9 of this TU.					

Product form: 30 ± 1 kg bales

Bales package: For bales:
 - marked/unmarked PE film (M and T types), 0.050x(700-800) mm;
 - marked/unmarked EVA film, tubular, center-fold, 0.025x(750x2) mm; or EVA-80, web 0.05x750 mm;
 - four-ply paper bags HM or BM;
 - woven PP bags.

Shipping package: Box pallet, polymer pallet or Polybox container;
 Pallet box internal surface is covered with PE bag (liner) to protect from contamination; after loading the box is closed and wrapped with belt.
 Two shipping labels are applied to each pallet box.

Transport: All types of transport in accordance with the applicable shipping rules.

Storage: Woven PP bags with the product are stored in stacks of max 1.2 m height.
 Rubber packed in box pallets are stored in maximum 4 level stacks. Keep the product protected from contamination away from direct sunlight and rainfall.
 Guaranteed shelf life - 1 year from the date of production.

The information herein is based on our data compiled and believed to be reliable on the revision date. This specification does not release customer from the responsibility to check the product for fitness for the intended use. Producer disclaims liability for any loss or damage arising from usage of this information.