

**Lithium Polybutadiene Rubber**

Manufacture Synthetic rubber, cis- butadiene PBR, lithium, with average content of 1.4-cis-links is the product of butadiene polymerization with the use of lithium compounds as the catalyst. It is mainly used for the production of ABS and HIPS.

Product characteristics:

Characteristics of material	Rated value	Test method
1. Content - 1.4-cis-links, %, not less than - 1.4-trans-links, %, not less than - 1.2-vinyl-links, %, not less than	38 50 15	GOST 19920.2
2. Mooney viscosity, MB 1+4(100°C), within the limited range	50- 56	ASTM D 1646
3. Kinematic viscosity(5%-solution in styrene), mm²/sec	170-196	ASTM D 2057
4. Color(5%-solution in styrene), APHA not more than	20	ASTM D 1209
5. Average mass yellow index, not more than	4.5	ASTM D 1209
6. Ash mass content, %, not more than	0.1	ASTM D 1416
7. Mass content of volatile compounds, %, not more than	0.75	ASTM D 1416
8. Mass content of water, %, not more than	0.2	ASTM D 2849
9. Mass gel content, %, not more than	0.2	ASTM D 3616 / FINA PS-61
10. Total volume of Antioxidant Irganox 1520 L, not less than	0.07	As per TU 2294-100-05766801-2003
11. Equivalent grade	Lanxess Taktene 550	

Period of storage in the warehouse The rubber is stored in the warehouses of producer of consumer at the temperature not higher than 30°C in places protected from contamination or exposure to direct sunlight or atmospheric precipitation.
Storage period- 1 year from the date of production.

Packing Bales weighing 30 kg, packed in Polystyrene film as per STP 4.21-03.
Ruber bales wrapped in film are placed in the special- purpose metal or wooden box- type pallets.