

R-Grade BUTADIENE RUBBER PBR-Li

Produced through butadiene solution polymerization in presence of organic lithium catalyst.

Chemical name: cis-Poly (butadiene)

Application: tyre industry and manufacture of general mechanical rubber goods.

Empirical formula: $(-CH_2CH=CHCH_2-)_n$

Technical specifications: **TU 2294-140-05766801-2007**

PROPERTY	STANDARD FIGURES for R Grade	TEST METHOD
1. Mooney viscosity, ML 1+4 (100°C), within the range	40-60	para. 4.2 TU
2. Mooney viscosity spread in a lot, max	6	para. 4.2 TU
3. Ash content, % by weight, max	0.50	para. 4.3 TU
4. Loss of mass at drying, including water, %, max	0.6	para. 4.4 TU
5. 1,4- <i>cis</i> -units content, % by weight, within the range	34-40	para. 4.8 TU
6. Antioxidant mass content, min.	0.20	para. 4.9 TU
7. Conventional stress at 300 % elongation, MPa	NR To be defined at Consumer request	ASTM D 3189
8. Nominal tensile strength, MPa		ASTM D 3189
9. Breaking elongation, %		ASTM D 3189
10. Curing characteristics: - min. torsion torque, M_L , dNm - max torsion torque, M_{HF} , dNm - time before curing starts, t_{S1} , min - time before reaching 50% curing, t'_c (50) min - time before reaching 90% curing, t'_c (90) min	NR To be defined at Consumer request	ASTM D 3189 ASTM D 5289

Supply form: 30±1 kg bales.

Packaging: Polystyrene film, Grade Л, thickness 50.0±10.0 μ or 60.0±11.0 μ, 750 mm wide per GOST 12998. Polystyrene or butadiene-styrene film and bags of other grades with similar parameters, ensuring safety of rubber, are acceptable for application.

At Consumer request, EVA-film per CТП 4.21-03 is acceptable for LiBR Groups 1, 2, 3, 4.

Palleted boxes:

- plastic Polybox per TU 2297-001-3016563;
- wooden box per TU 38.103703 & per TU 5369-001-13016563;

The bottom and walls of palleted boxes are lined with PE film or a PE liner-packet is used per TU 2297-009-13989099 to protect rubber from contamination.

Other packing materials with similar parameters are acceptable.

Transportation: By all modes of transport in compliance with the goods transportation regulations effective for the given mode of transport.

Storage: Rubber packed in paper bags or PP woven bags shall be stowed at max 1.2 m.

Rubber packed in palleted boxes shall be stowed of max four boxes in warehouses and protected from contamination, direct sun rays and atmospheric precipitation.

Information contained herein is provided to the best of our knowledge and is considered true on the revision date. This specification does not release the customer from obligation to check the product as to suitability thereof for the intended application. We do not accept any liability for loss and damage that may occur from the use of this information.