

BUTADIENE RUBBER PBR-Li

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

Chemical name: cis-Poly (butadiene)

Application: synthesis of HIPS.

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

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

PROPERTY	STANDARD FIGURES BY GROUPS				TEST METHOD
	1	2	3	4	
1. Mooney viscosity, ML 1+4 (100°C), within the range	46-60				para. 4.2 TU
2. Mooney viscosity spread in a lot, max	6				para. 4.2 TU
3. Ash content, % by weight, max	0.10				para. 4.3 TU
4. Loss of mass at drying, including water, %, max	0.6				para. 4.4 TU
5. Gel content (5.43 % by weight of rubber-in-toluene solution), % by weight, max	0.02				para. 4.5 TU
6. Viscosity (5.43 % by weight of rubber-in-toluene solution), MPa-c, within the range	50-100	100-150	150-200	200-250	para. 4.6 TU
7. Platinum-cobalt scale color (5.43 % by weight of rubber-in-toluene solution), max	10				para. 4.7 TU
8. 1,2-units content, % by weight, within the range	11-16				para. 4.8 TU
9. Antioxidant Irganox 1520L (or its analogues) content, % by weight, min.	0.20				para. 4.9 TU

Supply form: 30±1 kg bales.

Packaging: Polystyrene film, Grade L, 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's request, EVA-film per STP 4.21-03 is acceptable for PBR-Li Groups 1, 2, 3, 4.

Pallet boxes:

- universal plastic boxes Polybox per TU 2297-001-3016563;
- wooden box for synthetic rubber per TU 38.103703 & per TU 5369-001-13016563;

The bottom and walls of palletted 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 palletted 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.