

POLYBUTADIENE RUBBER LI-PBR (SKDL)

Product of solution polymerization of butadiene over organolithium catalyst.

Chemical name:

Polybutadiene

Application: synthesis of high-impact polystyrene

Standard specification:

TU 2294-140-05766801-2007

Product Characteristics

Property	Values for groups				Test method
	1	2	3	4	
1.Mooney Viscosity, ML 1+4 (100 °C), MU	35 to 55	45 to 65		65 to 75	para. 4.2 TU
2. Viscosity spread in one lot, MU max	6				para. 4.2 TU
3. Ash, wt%, max	0.10				para. 4.3 TU
4. Loss on drying including moisture, %, max	0.60				para 4.4 TU
5. Gel (5.43 wt% solution of rubber in toluene), wt%, max	0.02				para 4.5 TU
6. Viscosity (5.43 wt% solution of rubber in toluene), MPa·s	30 to 100	101 to 150	151 to 200	201 to 280	para 4.6 TU
7. APHA color (5.43 wt% solution of rubber in toluene), max	10				para. 4.7 TU
8. 1,2-units, wt%	10 to 15				para. 4.8 TU
9. Irganox 1520 (or similar), wt%, min	0.10				para. 4.9 TU

Product form:

30 ± 1 kg bales

Bales package:

Non-marked L-type PS film, thickness (50.0 ± 10.0) μm or (60.0 ± 11.0) μm, width 750 mm. Styrene butadiene film or bags, or EVA film may be used.

Shipping package:

Bags are shipped in:

- Polybox containers
- wooden pallets

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.

Transportation:

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

Storage:

PP woven bags with the product are kept in stacks of maximum 1.2 m height. 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.

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.