

LITHIUM CATALYST BASED POLYBUTADIENE RUBBER (SKDL)

PBR-LI (SKDL) is obtained by solution polymerization of butadiene over alkyllithium initiator.
 Application: synthesis of high-impact polystyrene

Chemical name: Polybutadiene
 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, within the range	35÷55	45÷65		65÷75	Acc. to TU para.4.2 or ASTM D 1646
2. Viscosity spread within one lot, MU, max	6				Acc. to TU para.4.2
3. Ash, wt%, max	0.10				Acc. to TU para.4.3 or ASTM D 5667
4. Volatiles (moisture including), wt%, max	0.60				Acc. to TU para.4.4 or ASTM D 5668
5. Gel (5.43 wt% solution of rubber in toluene), wt%, max	0.02				Acc. to TU para.4.5
6. Viscosity (5.43 wt% solution of rubber in toluene), MPa·s, within	30÷100	101÷150	151÷200	201÷280	Acc. to TU para.4.6
7. APHA Scale color (5.43 wt% solution of rubber in toluene), max	10				Acc. to TU para.4.7 or ASTM D 1209
8. 1,2-units, wt%, within the range	10÷15				Acc. to TU para.4.8 or ISO 12965
9. Antioxidant Irganox 1520 (or similar), wt%, min	0.10				Acc. to TU para.4.9

- Product form:** 30 ± 1 kg bales
- Packaging:** Rubber bales are wrapped in non-marked PS film (L grade), thickness (50.0 ± 10.0) μm or (60.0 ± 11.0) μm, width 750 mm.
- Shipping package:** Product is stored and shipped in polymer pallet boxes. Pallet box internal surface is covered with PE bag (liner) before loading; after loading the box is closed and wrapped with belt. Two shipping labels are applied to each box.
- Transportation:** All types of transport in accordance with goods shipping rules applicable to particular mode of transport.
- Storage:** Pallets with rubber are kept in maximum 3 level stacks. Product should be stored away from contamination, 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 the user from responsibility to check the product for fitness for proposed application. The producer disclaims liability for any loss or damage arising out of using the information herein.