

SOLUTION STYRENE BUTADIENE RUBBER SSBR-2012

Product of solution block copolymerization of butadiene and styrene over organolithium catalysts.
Application: manufacture of plastics and rubber goods.

Chemical name: Polymer of 1,3-butadiene and styrene
Empiric formula: $[(C_8H_8)_m (C_4H_6)_n]_x$
Standard specification: TU 2294-153-05766801-2013

Product Characteristics

Property	Normal Value		Test method
	I	II	
1. Mooney Viscosity ML 1+4 (100°C)	30-70		para. 4.2 TU or ASTM D 1646
2. Viscosity spread in a lot, max	6		para. 4.2 TU
3. Ash, % wt, max	0.10		para. 4.3 TU or ASTM D 5667
4. Loss on drying including moisture, %, max	0.60		para. 4.4 TU or ASTM D 5668
5. Gel (5.43 wt% solution of rubber in toluene), wt%, max	0.020		para. 4.5 TU
6. Viscosity (5.43 wt% solution of rubber in toluene), Mpa-s	15-30	30-45	para. 4.6 TU
7. APHA color (5.43 wt% solution of rubber in toluene), max	10		para. 4.7 TU or ASTM D 1209
8. 1,2-units, wt%	10-16		para. 4.8 TU
9. Styrene, wt%	15-25	5-15	para. 4.9 TU or ASTM D 5775
10. Irganox 1520 L (or similar), wt%, min	0.10		para. 4.10 TU

Product form: 30 ± 1 kg bales

Bales package: Non-marked PS film; T-type film thickness (50.0 ± 10.0) µm or (60.0 ± 11.0) µm, width 750 mm. Styrene butadiene film or non-marked EVA film may be used.

Shipping package: Plastic/polymer container or pallet box with PE film inside, closed and belted after loading. Two shipping labels are applied to each pallet box.

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

Storage: Pallet boxes with rubber are kept in maximum 4 level stacks. Plastic containers - in maximum 3 level stacks.

Product is stored away from direct sunlight, rainfall and contamination.

Guaranteed shelf life - 1 year from the date of production.

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.