

SOLUTION STYRENE BUTADIENE RUBBER SSBR-2012

Styrene Butadiene	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

PROPERTY	VALUE		TEST METHOD
	I	II	
Mooney Viscosity ML 1+4 (100°C)	30-70		ASTM D 1646
Viscosity spread in a lot, max	6		Paragraph 4.2 TU
Ash, % wt, max	0.10		ASTM D 5667
Loss on drying including moisture, %, max	0.60		ASTM D 5668
Gel (5.43 wt% solution of rubber in toluene), wt%, max	0.020		Paragraph 4.5 TU
Viscosity (5.43 wt% solution of rubber in toluene), Mpa-s	15 -30	30 – 45	Paragraph 4.6 TU
APHA color (5.43 wt% solution of rubber in toluene), max	10		ASTM D 1209
1,2-units, wt%	10-16		Paragraph 4.8 TU
Styrene, wt%	15 - 25	5 - 15	ASTM D 5775
Irganox 1520 L (or similar), wt%, min	0.10		Paragraph 4.10 TU

Supply form	30 ± 1 kg bales
Packaging	Bales are wrapped in a PE film and packed in plastic pallet boxes
Transportation	Closed containers or trucks
Storage	Pallets with rubber are kept in max. 3 level stacks away from direct sunlight, rainfall and contamination

The information herein is based on our data compiled and believed to be reliable on the revision date. This specification does not relieve the Customer from liability for checking the product for compliance with the proposed application. The manufacturer is not responsible for any losses or damages that may arise due to application of this information