

SBR-1502

Rubber synthetic butadiene-methylstyrene

 Management system is certified according to
 ISO 9001, OHSAS 18001, ISO 14001, ISO 50001

Manufacturer "Tolyattikauchuk" LLC., Novozavodskaya str. 8, Tolyatti, Samara region, 445007, Russia

Lot № 2120-0363
Quantity containers, pcs: 38 Net weight, t: 47,88
Date of manufacture / 20.05.2020

Indicator		Specification	Result	Testing method
Mooney viscosity MML 1+4 (100 °C), conditional units	average		51	milled rubber
	min-max	45 - 57	47 - 53	
Mass loss of volatile substances, %, max		0,5	0,2	GOST 19338-90
Antioxidant CAS №68610-06-0, %**		0,7 - 2,0	1,3	TY 2294-023-48158319-2010 п.5.3 /method of supplier
Ash content, %, max***		0,6	0,1	ASTM D5667 (part A)
Organic acids content, %*		5,0 - 7,2	6,2	ASTM D 5774
Organic acid soaps content, %, max*		0,25	0,03	ASTM D 5774
Alpha-Methyl-Stirene content, %**		21 - 24	23	GOST 24654-81
Complex emulsifier acid number, mg/KOH		Не требуется	178	-
The quality of rubber is evaluated in the standard recipe according to ASTM D3185 (method A)				
Tensile strength at stretching, MPa, min**		22,0	25,8	ASTM D 412
Modulus 300%, MPa, min**		9,8	18,5	ASTM D 412
Relative elongation at break, %, min**		400 - 650	420	ASTM D 412
Rheometrical properties ("MDR 2000 Rheometer of Alpha Technologies")				
Minimal torque (ML), dN·m**		1,60 - 3,60	2,25	ASTM D 5289
Maximum torque (MH), dN·m**		14,00 - 24,00	19,15	ASTM D 5289
Semicuring start time (ts1), min**		1,6 - 5,5	2,4	ASTM D 5289
50% curing time (ts 50), min**		7,0 - 11,0	9,0	ASTM D 5289
90% curing time (ts 90), min**		14,0 - 20,0	16,6	ASTM D 5289

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- * control of each 10th lot is carried out and guaranteed by producer.
- ** control of each 20th lot is carried out and guaranteed by producer.
- *** control of each 100th lot is carried out and guaranteed by producer.

Product quality ratings satisfy the requirements of TY 2294-023-48158319-2010 modification №1,2,3,4,5



Authorized person signature: Kotova Ta.A.

The manufacturer guarantees compliance of the product with requirements of TY 2294-023-48158319-2010 modification №1,2,3,4,5 assuming the consumer follows the transportation and storage guidelines

Guaranteed storage time is 1 year from the date of manufacture

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