

IR SKI-3, group 1  
Synthetic Cis-Isoprene Rubber

Management system is certified according to  
ISO 9001, IATF 16949, ISO 45001, ISO 14001,  
ISO 50001

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

**Lot № 3121-0013**

**Quantity containers, pcs: 9**

**Net weight, t: 4,860**

**Date of manufacture / 18.10.2021**

Indicator	Specification	Result	Testing method
Mooney viscosity UML 1+4 (100 °C), conditional units	<b>average</b>	78	unmilled
	<b>min-max</b>	76 - 85	
Volatiles content, %, max	0,8	0,4	ASTM D 5668 (method C)
Stearic Acid Content, %	0,6 - 1,4	0,9	TY 2294-037-48158319-2010 п. 5.4 / method of supplier
Antioxidant CAS №82209-88-9, %	0,15 - 0,40	0,20	TY 2294-037-48158319-2010 п. 5.5 / method of supplier
Ash content, %, max**	0,6	0,1	ASTM D5667 (part A)
The quality of rubber is evaluated in the standard recipe according to ASTM D3403 (method C)			
Tensile strength at stretching, at 23°C, MPa, min**	27,5	29,6	ASTM D412
Modulus 300%, MPa,min**	7,0	9,8	ASTM D412
Relative elongation at break, %, min**	500	600	ASTM D412
Rheometrical properties ("MDR 2000 Rheometer of Alpha Technologies")			
Minimal torque (ML), dN·m*	0,90 - 2,20	1,43	ASTM D 5289
Maximum torque (MH), dN·m*	11,00 - 16,00	13,47	ASTM D 5289
Pre vulcanization start time (ts1), min*	1,4 - 2,6	2,6	ASTM D 5289
50% curing time (ts 50), min*	3,2 - 4,5	4,3	ASTM D 5289
90% curing time (ts 90), min*	5,9 - 8,5	7,2	ASTM D 5289
* - control of each 10th lot is carried out and guaranteed by producer ** - control of each 50th lot is carried out and guaranteed by producer.	The manufacturer guarantees compliance of the product with requirements of TY 2294-037-48158319-2010 modification №1,2,3,4,5,6 assuming the consumer follows the transportation and storage guidelines		

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Product quality ratings satisfy the requirements of TY 2294-037-48158319-2010 modification №1,2,3,4,5,6, group 1.



Authorized person signature: Nikonova V.G.

Guaranteed storage time is 30 months from the date of manufacture

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Technical support service

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