

IR SKI-3, group 2

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 № 3221-1386
Quantity containers, pcs: 15
Net weight, t: 18,9
Date of manufacture / 07.11.2021

Indicator		Specification	Result	Testing method
Mooney viscosity UML 1+4 (100 °C), conditional units	average		71	unmilled
	min-max	67 - 76	70 - 72	
Volatiles content, %, max		0,8	0,4	ASTM D 5668 (method C)
Stearic Acid Content, %		0,6 - 1,4	1,0	TY 2294-037-48158319-2010 п. 5.4 / method of supplier
Antioxidant CAS №82209-88-9, %		0,15 - 0,40	0,18	TY 2294-037-48158319-2010 п. 5.5 / method of supplier
Ash content, %, max**		0,6	0,3	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**		27,0	29,9	ГОСТ P 54553 / ASTM D412
Modulus 300%, MPa, min**		7,0	10,1	ГОСТ P 54553 / ASTM D412
Relative elongation at break, %, min**		500	580	ГОСТ P 54553 / ASTM D412
Rheometrical properties ("MDR 2000 Rheometer of Alpha Technologies")				
Minimal torque (ML), dN·m*		0,90 - 2,20	1,65	ASTM D 5289
Maximum torque (MH), dN·m*		11,00 - 16,00	13,92	ASTM D 5289
Pre vulcanization start time (ts1), min*		1,4 - 2,6	2,2	ASTM D 5289
50% curing time (ts 50), min*		3,2 - 4,5	4,2	ASTM D 5289
90% curing time (ts 90), min*		5,9 - 8,5	7,7	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 2.



Authorized person signature: Koryakina S.G

Guaranteed storage time is 30 months from the date of manufacture

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Technical support service

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