

## SYNTHETIC CIS-ISOPRENE RUBBER SKI-3S

SKI-3S, a synthetic isoprene rubber with limited content of gel fraction, is used for production of tires. It is characterized by advanced strength properties, structural uniformity and durability.

Design specification: TU 38.103588-85

PROPERTY	VALUE	TEST METHOD
Mooney Viscosity, ML 1+4 (100°C)	72 ± 4	para. 4.1 of TU
Plasticity	0.36 ± 0.03	para. 4.1 of TU
Elastic recovery after determination of plasticity, mm, max.	1.6	para. 4.1 of TU
Ultimate elongation, %, min.	800	para. 4.1 of TU
Tensile strength, MPa (kgF/cm <sup>2</sup> ), min: at 23°C at 100°C	31.4 (320) 23.5 (240)	para. 4.1 of TU para. 4.1 of TU
Modulus at 500% elongation, MPa, min.	1.6-2.3 (16.3-23.4)	para. 4.2 of TU
Metals mass content, %, max.:		
copper	0.0001	para. 4.1 of TU
iron	0.004	para. 4.1 of TU
titanium	0.06	para. 4.1 of TU
Loss of mass at drying at 105°C, %, max.	0.6	para. 4.1 of TU
Stearic acid mass content, %	0.6-1.4	para. 4.1 of TU
Antioxidant mass content, %:		
DPPD	0.20-0.30	para. 4.1 of TU
or C-789	0.40-0.70	para. 4.1 of TU
or VTS-60	0.20-0.40	para. 4.1 of TU
Gel fraction mass content, %, max.	7	para. 4.4 of TU

**Supply form:** 30±1 kg bales.

**Packaging:** Polyethylene film, paper bags, wooden and metal pallet boxes, special containers. As per customer requirements bale packing in two layers of film is possible.

**Transportation:** Product in pallet boxes is transported in covered wagons and large capacity containers with batching. Product in paper bags is transported without batching.

**Storage:** Storage in warehouses away from direct sunrays, atmospheric precipitation and contamination at temperature not exceeding 30°C.

*Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. This specification does not release the customer from obligation to check the product as to its suitability for intended area of usage. We do not accept any liability for loss and damage that may occur from the use of this information.*