

SYNTHETIC CIS-ISOPRENE RUBBER SKI-3SH

SKI-3SH, 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 ²), 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.

*The figures indicated on the table are standard values.

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