# SIBUR Synthetic Rubber IR SKI-3 NST Group II

## Polyisoprene

**SIBUR** 

#### Message:

Synthetic rubber IR SKI-3 NST is essentially a product of isoprene polymerization in solution in the presence of catalyst on the basis of titanium compounds and stabilized with light antioxidant.

Product characteristics: Appearance - bale of white color with shades of blue and brown color; weight of a bale -  $(30 \pm 1)$  kg; packing - a plastic container, a metal container; shelf life - two (2) year since the date of manufacture

General Information			
Additive	Oxidation resistance (5000 to 13000 ppm) 2		
Features	Antioxidation		
Appearance	White		
Forms	bag		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	65 - 75	MU	ASTM D1646
Stearic Acid	0.50 - 1.5	%	Internal method
Ash Content		%	ASTM D5667
Volatile Matter		%	ASTM D5668
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	> 7.00	MPa	ASTM D3403
Tensile Strength (Yield)	> 27.0	MPa	ASTM D3403
Tensile Elongation (Break)	> 500	%	ASTM D3403

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