



**PRODUCT SPECIFICATION**  
**HIGH CIS-ISOPRENE RUBBER SKI-3S**

DATE: 26 JUNE 2001

**PRODUCT DESCRIPTION**

- SKI-3S IS A POLYMER COMPOSITION WITH CIS-1.4 CONTENT MIN. 97%.
- PRODUCED BY SOLUTION POLYMERIZATION OF ISOPRENE WITH TITANIUM AS CATALYST.
- STABILIZED BY NON-STAINING BHT ANTIOXIDANT (APPROVED FOR MED. PURPOSES, ALIMENTARY PRODUCTS.)
- PROTEIN FREE.
- BY CHEMICAL AND PHYSICAL STRUCTURE AND BASIC ENGINEERING PROPERTIES, SUPERIOR IN QUALITY THAN NATURAL RUBBER AND CAN REPLACE IT IN ALL ITS APPLICATIONS.
- CAN BE MIXED WITH NATURAL AND SYNTHETIC RUBBERS.

**APLLICATIONS**

- TRANSPARENT MEDICAL TUBES FOR BLOOD TRANSFUSION.
- MEDICAL ARTICLES, PHARMACEUTICAL STOPPERS.
- GASKETS, HOSES.
- WHITE COLORED SHOE SOLES.
- TRANSPORTATION BELTS AND TIRE LAYERS (WHEN HIGH ABRASIVE RESISTANCE REQUIRED).

**TECHNICAL CHARACTERISTICS**

MOONEY VISCOSITY (ML 1+4 /100°C )

GROUP I	72 - 84
PLASTICITY	0.30 - 0.48

ELASTIC RESTITUTION AFTER PLASTICITY DETERMINATION

MM, MAX.	0.8 - 1.6
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TENSILE STRENGTH

KG/CM <sup>2</sup> MIN.	
AT 23° C	260 - 297
AT 100° C	160 - 210

ELONGATION AT BREAK

% MIN.	800 - 700
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ASH CONTENT

% MAX.	0.35
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HUMIDITY

% MAX.	1.3
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COPPER CONTENT

% MAX.	0.0001
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IRON CONTENT

% MAX.	0.003
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TITANIUM CONTENT

% MAX.	0.05
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STEARIC ACID CONTENT

%	0.5 - 1.5
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BHT ANTIOXIDANT (BRAND NAMED "IONOLE")

%	0.5 - 1.5
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OR 2246 ANTIOXIDANT (VULKANOX BKF)

GEL CONTENT

75 MICRONS

**PACKAGING/PACKING**

- 450 KG NET WEIGHT WOODEN CRATES ON PALLETS WITH 30 KG BALES.
- WRAPPED IN P/E INSIDE.
- SHIPMENT IN 40' CONTAINERS.

**EQUIVALENTS**

NATSYN 2200, CARIFLEX IR-310, 309.

REV. 16/10/97, 26/06/01