

IR SKI-3S

Polyisoprene

Description

SKI-3S is produced by solution polymerization of isoprene with titanium as catalyst. The rubber is stabilized by a non-staining BHT antioxidant that is approved for medical purposes and alimentary product uses.

SKI-3S can be mixed with natural and synthetic rubbers and is non-staining.

End Use

SKI-3S can be used for the production of various technical articles, coloured rubber articles and medical articles.

Specific uses include transparent medical tubes for blood transfusion, pharmaceutical stoppers, gaskets, hoses, white colored shoe soles and transportation belts and tire layers.

Features

- The nearest substitute for a natural rubber
- Can be used alone or in combination with other rubbers
- Lighter colour than SKI-3
- Superior in quality to natural rubber and can replace it in all its applications
- Protein free

Packing

- 30 kg bales
- 15 bales per wooden crate (450 kg net total)
- Wrapped in dispersible polyethylene film

Property	Unit	Group 1
Mooney Viscosity*	ML ₁	72 - 84
Viscosity spread/lot	ML ₁	8
Ash Content	%	0.35 max
Titanium Content	%	0.06 max
Iron Content	%	0.003 max
Drying loss	%	1.2 max
Stearic Acid	%	0.6 - 1.6
Elongation at Break	%	800
Tensile Strength**	MPa	30.4 (310) min
Tensile Strength ***	MPa	21.6 (220) min

* ML 1+4 (100°C)
** At 23 Grade C
*** At 100 Grade C

Note: The technical data listed in this publication are typical values. Therefore, there may be a slight differences between the elements of a supplied product and the data.

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