

# NATURAL RUBBER - Ribbed Smoked Sheet

## Properties and Applications

By Emamou

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Sustainable Plantation – Intercropping rubber



Ribbed Smoked Sheet

## About

Emamou commits to delivering only sustainable materials and products for the circular and bioeconomy. Natural rubbers are established in our key business portfolios.

Natural rubber (NR) has highly economic importance thanks to its versatility and wide application. NR is one of the high demanding raw materials in the coming decades and the European laws and regulations require that NR supply to be proved a secure, sustainable and affordable for the EU manufacturing industry up to 2050. NR is now under scrutiny of potential supply risks, and to tackle any uncertainties, sustainability compliance is therefore needed.

Emamou supplies NR of strict quality control and with sustainability performance including environmental and social compliance.

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# Ribbed Smoked Sheet

## General Description

Ribbed smoked sheet rubber (RSS), is a natural rubber which is plainly processed from the latex of rubber trees. The latex is coagulated and graded into sheets of certain parameters and then packed in bales. They are used in diverse industries depending on requirements for cleanliness and tear strength of the sheets.

## Application Examples:

*Rubber tube:*



*Extruded rubber profile:*



## Properties:

In general, there are five types of RSS ranging from RSS 1 to RSS 5 of which RSS 1 – 3 are the most popular RSS traded in the market thanks to their better quality.

PARAMETERS	RSS 1	RSS 2	RSS 3	RSS 4	RSS 5
Blisters	-	-	-	-	Minor
Bubbles	Scattered small pin head bubbles	Small bubbles	Small bubbles	Medium size bubbles	Large size bubbles
Burnt Sheets	-	-	-	-	-
Mould / Dry Mould	Very slight traces of dry mould on wrappers or bale surface adjacent to wrapper	Slight on wrapper and bale surface and interior	Slight on wrapper and bale surface and interior	Slight on wrapper and bale surface and interior	Slight on wrapper and bale surface and interior
Over Smoked	-	-	-	Minor	Major
Resinous matter (rust)		≤ 5% of sample	≤ 10% of sample	≤ 20% of sample	≤ 30% of sample
Specks	Minor	Slight specks of bark	Slight specks of bark	Medium size bark	Large bark particles
Translucent Stains	-	-	-	Medium size stains	Large size stains
Under Cured	-	-	-	Minor	Minor

## Standards:



### FSC/PEFC

- *Sustainable Forest Management*
- *Chain of Custody*



### ISO 14001 and ISO 9001

## Our services:

- **In-depth sustainability consultation** on how to process or use specific low-carbon and sustainable materials and products
- **Design and deliver products** to your specific requirements
- **Services and guidance** before and after purchase contract

## How we can assist you further:



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