



NATURAL RUBBER PROCESSING PLANT

TECHNICALLY SHEET

PRODUCT

Natural Technically Specified Rubber T.S.R-20

Raw materials; clot field that will undergo physical transformation process, mill, washed, pelleted, dried and pressed under estandandares and international standards of quality.

COLOR - ODOR

Characteristic color rubber TSR-20, MAHOGANY, for submission to pressing, The smell in either case is unique and characteristic of the process and drying, nontoxic.

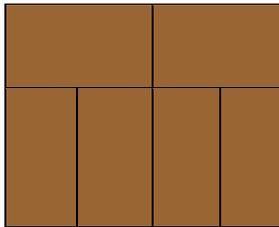
PRESENTATION - PACKAGING

The pressing allows the collection of bullets very compact and uniform surface.

The bullets have a standard weight of its dimensions are 33.33 kg, 70 cm. long x 35 cm. wide and the order of 18 cm. high. The packaging is designed to limit pollution, helps a bit rubbery consistency own oil and rubber bullets to prevent sticking to the time of storage. Is performed in a polyethylene bag of small caliber, whose softening point is below 105 ° C compatible with the use of high-temperature mixers that are in industries.

STORAGE

Storage should be done on wood or plastic pallets to avoid direct contact with soil, which can lead to cause problems of moisture, mold and fungus in the product. Per ton can be stowed without losing any of its properties, can only suffer slight crushing.



It accommodates six bullets and five rows, which reduces space

$$6 \times 5 = 30$$

$$30 \text{ balas} \times 33.33 = 1000 \text{ Kg.}$$

SAFETY

The rubber is highly combustible, these flames are very strong and emit large amounts of smoke; you must have security controls in the storage areas, mainly with sparks, short or any other means to start some kind of reaction in the rubber flammable.

USE

The local manufacturing of rubber, is divided in two big groups: the tire manufacturing industry which consumes 80% of rubber, other industries (shoes, hose, rubber soles, gloves auto parts and others) consume 20% Left.

PROPERTIES

PROPERTIES		Natural rubber
Mechanical Properties static normal temperature	Traction	E
	Strain	VG
	Abrasion	VG
	Permanent deformation After compression	VG
Dynamic mechanical properties at room temperature. normal	Resilience	E
	Flexion	VG
Resistance to aging (cracking)	Air	M
	Light	L
	Ozone (Outdoor) *	M
	heat	L
Resistance	Spread of fire *	M
	cold	VG
ELECTRIC USE		G
Resistance to fluids at normal temperature	oils and petroleum products	N
	Aliphatic solvents	N
	Aromatic solvents	N
	Ketones	FG
	Chlorinated Solvents	N
	Water, dilute bases, dilute non-oxidizing acids	G
	Strong acids	FG
	Strong oxidizing acids	N
	Impermeability to gases	M

E (Excellent), VG (Very good), G (Good), FG (Fairly good), M (mediocre) L (Low) N (Null)



QUALITY ANALYSIS

Tests on TSR 20 are:

- Content of impurities: is the weight of impurities (for 100 grams. Rubbers) retained after the dissolution in xylene and filtered in a sieve have a gap of 45 micrometers. The TSR 20 will have a guaranteed content of impurities less than 0.2%
- Degree of volatile material: guarantees the degree of drying and, in this respect, it must make two observations: 1. complete drying of the rubber does not exist in reality has a water balance which depends its composition and environmental conditions. 2. there should be no visible dots or "virgis". The TSR 20 will have a guaranteed level of volatile material less than 0.8%
- Degree of ashes: a high degree of ashes may be the sign of a mineral pollution. The TSR 20 will have a guaranteed level of ash less than 0.6%

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