Clarimer L

STRL Grade Rubber

Description
A specialty high-quality natural rubber. It is an extremely clean and very light-coloured material produced wholly from field latex under very closely defined and controlled conditions.

Clarimer L is a specialty TSR L grade with emphasis on purity, cleanliness and free from nauseating odor.

End Use
End uses include rubber bands, footwear, bicycle tubes, adhesive, rubber threads, gas masks, gloves, swimming fins and caps, surgical and pharmaceutical products, and tennis balls.

Features
- Ultra-light colour property
- Superior cleanliness and purity
- Exhibits high tensile strength, modulus, elongation at break and excellent heat ageing resistance.
- Found by our most discerning customers to be very consistent from lot to lot

Packing
- 35 kg bales/36 bales per crate (1.26 MT net total)
- Standard TSR crated wooden pallet
- Shrink-wrapped

Bale Packaging
- Normal (0.03-0.04 mm) transparent PE bale wrapper
- Thick (0.10 mm) opaque white PE bale wrapper *(special order)*

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Raw Rubber: Properties

Property	Unit	Target	Specifications
Dirt	% wt	0.005 - 0.009	0.02 max
Volatile Matter	% wt	0.15 - 0.30	0.80 max
Nitrogen	% wt	0.35 - 0.45	0.60 max
Ash	% wt	0.20 - 0.30	0.50 max
Wallace Plasticity (Po)		35 - 45*	35.0 min
Plastic Retention Index	%	75 - 85	60.0 min
Mooney Viscosity**	ML_1	58 - 68*	
Acetone Extract	%	2.2 - 3.0	3.5 max
Color (Lovibond)		2.5 - 3.5	3.5 max

* At time of production
** ML 1+4 (100°C)

Physical Properties

Property	Unit	Typical Values
Density	mg/m^3	1.03
Hardness	IRHD	39
Relaxed Modulus	MPa	0.89
Tensile Strength	MPa	27.1
Elongation at Break	%	617
Modulus @ 100% Strain	MPa	1.0
Modulus @ 300% Strain	MPa	2.4

Rheological Properties

Property	Unit	Typical Values
Tmax	in-lb	34.0
Tmin	in-lb	8.6
T90	in-lb	32
t90	min	15.8
t2	min	2.5

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.