

Clarimer CV 58

STRCV Grade Rubber

Description

Because of its constant viscosity feature, Clarimer CV 58 provides a distinct cost advantage to the user in eliminating the premastication step and, hence, permits direct mixing. When used in open mills, the rubber forms coherent band easily, thus increasing milling throughput. The non-scorch characteristic permits higher curing temperature to be adopted without risk of rejects.

The colour advantage of Clarimer CV 58 over SMR CV is that CV 58 lends itself in applications where colour is an important criterion. Most SMR CV producers cannot provide colour specification.

End Use

End uses include anti-vibration mountings, conveyor belts, rubber and metal bonding, low density sponge, injection moulded products, wiper blades, masking tapes, industrial rolls, extruded products, light colour tubings.

Features

- A low viscosity-stabilized natural rubber produced wholly from *Hevea field latex* under very closely defined and controlled conditions.
- A CV rubber with emphasis on stable Mooney, light colour, cleanliness, consistency, and uniformity.
- Found by our most discerning customers to be very consistent from lot to lot.

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Raw Rubber: Properties

Property	Unit	Target	Specifications
Dirt	% wt	0.006 - 0.010	0.02 max
Volatile Matter	% wt	0.02 - 0.30	0.80 max
Nitrogen	% wt	0.35 - 0.45	0.60 max
Ash	% wt	0.20 - 0.30	0.50 max
Plastic Retention Index	%	80 - 90	65.0 min
Mooney Viscosity*	ML ₁	55 - 61	58 +/- 3
Acetone Extract	%	2.2 - 3.0	3.5 max
Color (Lovibond)		2.5 - 3.5	4.0 max

* ML 1+4 (100°C)

Rheological Properties

Property	Unit	Target
Tmax	in-lb	32.0
Tmin	in-lb	8.2
T90	in-lb	29.7
t90	min	15.7
t2	min	2.9
t90 - t2	min	12.8

Clarimer CV 58 possess two properties which are distinctly superior to SMR CV rubber. These properties are light colour and narrower Mooney range, as depicted below.

	Clarimer CV 58	SMR CV
Color (Lovibond)	2.5 - 3.5	no spec.
Mooney Range	6 units	10 units

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.

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*)