

Technical Data Sheet

Product Name: JC CaO GR-90

Chemical Composition: Calcium Oxide with elastomer binder & dispersant agent.

Function: JC CaO GR-90 is a desiccant provided in granular form, compatible with all types of conventional elastomers. It is used in expanded compounds (micro-cellular rubber), to provide a more uniform cell structure.

Product Description: JC CaO GR-90 is a desiccant supplied as granule form. The granules enhance the dispersion in rubber applications, and avoid spillage and pollution at user end.

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	Off white granules/Buttons
2	Calcium Oxide	%	90
3	Elastomer binder and Dispersing agents	%	10
4	Temperature profile (Time taken for 100°C)	-	≤ 10
5	Ash Content	%	≤ 92.0

Advantage:

- Granular form is easy in handling and weighing with no hazardous dust
- Provide uniform mixing.
- Enhances dispersion

Standard Packing: 20 kg corrugated box with liner

Shelf life: 1 year from DOM

Storage: Store in a tightly closed container. Keep in dry and cool place.

Mode of Action: JC CaO GR-90 is used in extrusion compounds that cured continuously in vulcanizing systems like fluidized beds, salt baths or in UHF curing process like micro wave units and hot air tunnels, also used in the foamed compounds to improve the cell structure and surface finish of the end product.

Applications: Technical rubber articles, e.g. profiles, seals, belts, straps, conveyor belts, rollers, cable coverings, rubber flooring etc.

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