

Technical Data Sheet

Product Name: JC EPMix CaO-80

Chemical Composition: 80% Calcium Oxide, 20% Elastomers binder & dispersing agent

Function: JC EPMix CaO-80 is a desiccant provided in polymer bound granules which is compatible with all types of conventional elastomers to prevent porosity. It is used in expanded compounds (micro-cellular rubber), as it provides a more uniform cell structure.

Product Description: JC EPMix CaO-80 is desiccant supplied as polymer bound granule. Polymer bound Cao enhances the dispersion in rubber applications, and here will be not any unintended reaction with humidity.

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	Off white granules
2	Calcium Oxide Content	%	70-90
3	Elastomer	%	10-30
4	Density at 20°C	g/cc	2.1-2.4

Advantage:

Granular form is easy to handle with no hazardous dust
Provide uniform cell structure
Enhances dispersion

Standard Packing: 25 kg corrugated box with liner

Shelf life: 1 year from DOM

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

Dosage: 2-10 PHR

Mode of Action: JC EPMix CaO-80 is preferably used in extrusion compounds which have to be 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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