

Technical Data Sheet

Product Name: JC CaO-T

Chemical Composition: Calcium Oxide (treated with organic compound)

Product Description: JC CaO-T is made from soft stone with advance calcination technology which results in high surface area, high activity and low Iron content. Special surface coating enhances the dispersion in rubber and plastic applications. There will be not any unintended reaction with humidity.

JC CaO-T 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. It is an excellent desiccant for plastic & plastic master batches.

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	Fine white/off white powder
2	Calcium Oxide	%	≥ 90
3	Sp. Gr. at 25°C	-	3.3 ± 0.1
4	Bulk Density	g/ml	0.6 ± 0.1
5	Al ₂ O ₃	%	< 1.0
6	SiO ₂	%	< 2.0
7	Fe ₂ O ₃	%	< 0.025
8	Temperature profile (Time taken for 100°C)	minute	< 6
9	Solubility in water	-	Insoluble
10	Solubility in mineral acids	-	Soluble

Particle Size

1	Mean Particle Size Micron (D50%)	4.5 - 7.0
---	----------------------------------	-----------

Advantages:

Non dusting product
 Reduces fly loss
 Reduces blisters & pin holes
 Better dispersion

Standard Packing:

1kg X 20pack/Bag
 OR 10kg X 2pack/Bag

Shelf life:

1 year from D.O.M
Storage: Store in cool and dry place, moisture strictly avoided

Mode of Action: Calcium Oxide binds the moisture by the formation of calcium hydroxide hence it is used as a desiccant to remove excessive moisture from rubber and plastic compounds.

Declaration: All Information in This Publication is in Accordance With Our Present Experience and Knowledge. However, Since We Have No Influence On The Way in Which Our Products Are Treated And Used, We Can Not Take Any Responsibility in This Respect. The User Must Assume Responsibility Himself For Checking Whether The Products Are Suitable For The Purpose And Use Proposed By Him. All Existing Proprietary Rights, laws And Regulations Shall Be Observed.

Jayam Chemicals LLP

Plot no. 31/A, Part A, Opp. Baumer Industries,
1st phase, GIDC Vapi-396195,
GSTIN/UIN: 24AAGFJ3239G1ZK
Phone: 0260- 2425399
Email: info@jayamchemicals.com
<https://www.jayamchemicals.com/>