

Technical Data Sheet

Product Name: JC CaO-T180

Chemical Composition: Calcium Oxide (treated with organic compound)

Product Description: JC CaO-T180 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 compounds. There will be not any unintended reaction with humidity.

JC CaO-T180 is preferably used in extrusion compounds which have to be cured in continuously 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	Bulk Density	g/ml	0.6 ± 0.1
3	Temperature profile (Time taken for 100°C)	minutes	< 6
4	Sieve Residue (100 Mesh)	%	Nil
5	Sieve Residue (200 Mesh)	%	Nil
6	Moisture content	%	Nil
7	Loss on Ignition at 850°C for 30 minutes	%	10.0 ± 2.0
8	Active CaO content	%	83.0 ± 2.0

Advantages:

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

Standard Packing: 1kg X 20pack/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 removes 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.
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