

## Technical Data Sheet

**Product Name: JC CaO-SF**

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**Chemical Composition:** Calcium Oxide

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	Fine white powder
2	Calcium Oxide	%	≥ 90
3	Sp. Gr. at 25°C	-	3.2 ± 0.1
4	Bulk Density	gm/ml	0.755 ± 0.1
5	HCl insoluble matter	%	≤ 2
6	Solubility in water	-	Insoluble
7	Solubility in mineral acids	-	Soluble
8	Sieve residue 325 mesh	%	< 0.5
9	Sieve residue 200 mesh	%	< 0.1

**Advantages:**

Finer size, highly active  
Fast reaction  
Low iron content  
Requires low PHR

**Standard Packing:** 25kg Bag

**Shelf life:** 1 year from D.O.M

**Storage:** Store in cool and dry place, strictly avoid moisture

**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 plastic compounds. It is also used in foamed compounds to improve the cell structure and surface finish of the end product. It can be effectively used in reprocessing of plastic materials.

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