

CC tech[®] 77%

Calcium chloride technical grade flakes

CC
tech[®]

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General Description

TETRA Chemicals Europe use selected raw materials in a dedicated production process. CC tech[®] is produced with special attention to quality and consistency.

Applications

CC tech[®] is used in a multitude of applications within a wide variety of industries. It is used:

- In water purification to precipitate fluorides, sulphates, and phosphates.
- As an agent to remove moisture in domestic and industrial applications.
- As an additive in concrete to decrease setting time, especially in cold weather conditions.
- In the oil industry to provide high density clear brine fluids.
- In the pulp and paper industry to improve printability.
- For alginate production as a thickening agent.
- As an emulsion breaking agent in latex and plastic production.

For more information on applications please visit:
www.tetrachemicals.com

Availability & Packaging

CC tech[®] 77% is produced in Finland. The product is available worldwide in the packaging options shown in this PDS.

Safety and Handling

Before using this product, refer to the MSDS available on our website. CC tech[®] is a hygroscopic product and should be stored indoors on pallets at normal temperatures. If stored according to recommendations, the shelf life is two (2) years.

CC tech[®] Packaging

Package	Dimensions LxWxH	Units
25 kg Bag	1080x1070x1050	42/Pallet
1000 kg Big Bag	1000x1000x1350	1
Bulk	N/A	N/A

Physical Properties

Appearance	White flakes
Odor	None
Bulk density	800 to 900 kg/m ³

Chemical Properties

Parameter	Unit	Specification	Typical value
CaCl ₂ concentration	%	> 77	78
Residual mass as H ₂ O	%	N/A	18-22
pH (in 10% CaCl ₂ solution at 20°C)	-	9-11	10.4
Na	%	< 1	0.7
Alkalinity as Ca(OH) ₂	%	< 0.3	0.1
Insoluble in water	%	< 0.20	0.05
Mg	mg/kg	< 200	60
Fe	mg/kg	< 5	1
SO ₄	%	N/A	< 0.01

Typical Sieve Analysis

Sieve	Approximate % passing
6.3 mm	100
4 mm	90
2 mm	30
1 mm	10

www.tetrachemicals.com

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