



TECHNICAL DATA SHEET

QUICKLIME (CALCIUM OXIDE)

Q-LIME

General Properties

Quicklime is a naturally prepared product that has resulted from the thermal decomposition of limestone. Quicklime is prepared and sold in solid powder status, and it is used in steel making, concrete blocks, glass industry, cement, petroleum industry, and is also used as food additives.

Chemical Composition

IUPAC Name	Chemical Formula	Weight (%)
Calcium oxide (total)	CaO (total)	> 90.0%
Calcium oxide (available)	CaO (available)	> 80.0%
Silicon dioxide	SiO ₂	0.75%
Magnesium oxide	MgO	0.25%
Aluminum oxide	Al ₂ O ₃	0.15%
Iron (III) oxide	Fe ₂ O ₃	0.05%
Potassium oxide	K ₂ O	Nil
Sodium oxide	Na ₂ O	Nil
Titanium dioxide	TiO ₂	Nil
Loss in Ignition	L.O.I.	< 9.00%

Physical Properties	
Appearance	White
Status	Solid powder
Specific gravity	2.59 g/cm ³
Packed bulk density	3.34 g/cm ³

Particle Size Distribution
According to request
Type of Packing
Jumbo bag
PP bags 25 kg

Quicklime is a prepared natural product. All data are approximate values and do not represent any warranty

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