

## Physical and Chemical Specifications



### QUICK LIME LUMP

**KIMIYA SHARGH SADRA Co.**

Name:	Calcium Oxide
Linear Formula:	CaO
Form:	Lump
Molecular Weight:	56.09 gr/mol
Specific Gravity:	3.2 – 3.4
Density:	800-1100 kg/m <sup>3</sup>
PH:	11– 12 at 20 <sup>o</sup> c

#### Chemical Analysis

91%<Ca(OH)<sub>2</sub><92%

4%<CaCO<sub>3</sub><6%

CaO (Free)< 1.5%

MgO<0.9%

SiO<sub>2</sub><1.4%

Al<sub>2</sub>O<sub>3</sub><0.25%

Fe<sub>2</sub>O<sub>3</sub><0.25%

L.O.I<3%

#### Physical Analysis

0-5 Cm