

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 ³
PH:	11– 12 at 20 ^o c

Chemical Analysis

85%<Ca(OH)₂<90%

6%<CaCO₃<10%

CaO (Free)< 1.5%

MgO<1%

SiO₂<1%

Al₂O₃<0.5%

Fe₂O₃<0.2%

L.O.I<5%

Physical Analysis

0-1 Cm: 10%

1-4 Cm: 20%

4-8 Cm: 50%

8-10 Cm: 20%