

PRODUCT DATA SHEET



METALLURGICAL GRADE LIME PUTTY

METALLURGICAL GRADE LIME PUTTY is a Calcium Hydroxide suspension used for increasing pH. Lime putty offers advantages over other forms of lime because it is already a liquid and therefore ready to use. Dust problems are eliminated and the material is handled through pumps.

Available in bulk road tankers for dispersion through spraying or discharge into suitable storage facilities.

Typical Properties (Wet as Delivered Basis)	
pH	12
Solids Content	37-39% wt.
Acid Insoluble	max 3% wt.
Avail CaO Content	23% ($\pm 3\%$)
Avail Ca(OH) ₂	26-34%
Bulk Density	1.27 kg/m ³
Viscosity	3000cP @ 3rpm 760cP @ 60rpm

Composition (dry weight basis - %wt)	
Lime Content Ca(OH) ₂	93%
Mg(OH) ₂	4%
SiO ₂	1%

Particle Size Distribution	
d(0.1)	2.17 μm (10% is equal to or less than this size)
d(0.5)	7.21 μm (50% is equal to or less than this size)
d(0.9)	129.0 μm (90% is equal to or less than this size)