

**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)**

<b>pH</b>	12
<b>Solids Insoluble</b>	37-39% wt
<b>Acid Insoluble</b>	Max 3% wt
<b>Available CaO Content</b>	23% ( $\pm 3\%$ )
<b>Available Ca(OH)<sub>2</sub></b>	26-34%
<b>Bulk Density</b>	1.27 t/m <sup>3</sup>
<b>Viscosity</b>	3000cP @ 3rpm 760cP @ 60rpm

**COMPOSITION (DRY WEIGHT BASIS)**

<b>Lime Content Ca(OH)<sub>2</sub></b>	93%
<b>Mg(OH)<sub>2</sub></b>	4%
<b>SiO<sub>2</sub></b>	1%

**PARTICLE SIZE DISTRIBUTION**

<b>d(0.1)</b>	2.17 $\mu\text{m}$ (10% is equal to or less than this size)
<b>d(0.5)</b>	7.21 $\mu\text{m}$ (50% is equal to or less than this size)
<b>D(0.9)</b>	129.0 $\mu\text{m}$ (90% is equal to or less than this size)