



Technical Information Sheet.

Product Number: P 3311

Product: Colemanite

Other Names: Boro-Calcite, Calcium Borate, Hydrated Calcium Borate.

Assigned Formula variable from $\text{CaO} \cdot 2\text{B}_2\text{O}_3 \cdot 6\text{H}_2\text{O}$ to $\text{CaO} \cdot 3\text{B}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$

Physical State: Off White to Buff Fine odourless powder

Specific Gravity: 2.4 to 2.9 (range)

Melting Point: 600 ° C upwards (Boron Component)

Retained on 75 micron sieve : <6.0%

Moisture: <1.0%

Typical Chemical Analysis (%)

SiO_2 : <6.00

Al_2O_3 : <0.50

Fe_2O_3 : <0.20

CaO : >25.00

MgO : <1.00

B_2O_3 : >41.00