

CHARLES B. CHRYSTAL CO., INC

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INDUSTRIAL MINERALS SINCE 1897

COARSE EXPANDED CLAY

This natural clay is completely changed when flash heated. The clay expands, reduces its density, increased its hardness, becomes impermeable to water, fixes its volume, and will not shrink further. It is used in applications where strong, lightweight fillers are required.

TYPICAL CHEMICAL ANALYSIS:

| | |
|--------------------------------|------|
| SiO ₂ | 66.6 |
| Al ₂ O ₃ | 12.5 |
| Fe ₂ O ₂ | 6.8 |
| CaO | 3.8 |
| MgO | 2.5 |
| K ₂ O | 0.6 |
| Na ₂ O | 0.5 |
| LoI | 0.8 |

TYPICAL PHYSICAL ANALYSIS:

| | |
|-------------|--------------------------|
| Color | Tan |
| Unit weight | 38.4 lbs/cu ft dry/loose |

TYPICAL PARTICLE SIZE:

| | | |
|--------------|------------|-------|
| Passing | .5000 | 100 % |
| Coarser than | .3750 inch | 10 % |
| Finer than | .0470 inch | 4% |

PACKING: Bulk

ORIGIN: USA