

CHARLES B. CHRYSTAL CO., INC

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INDUSTRIAL MINERALS SINCE 1897

EXPANDED VERMICULITE

This is a product produced by thermal exfoliation of natural occurring Vermiculite. The expanded particles are processed to separate into various sizes.

CHEMICAL CHARACTERISTICS:

SiO ₂	44%
Al ₂ O ₃	19%
Fe ₂ O ₃	9%
MgO	27%

PHYSICAL CHARACTERISTICS:

Combustion Temp	Will not burn
pH	6.0 - 8.0
Cation Exchange Capacity	50 - 100 m
Free Moisture	<3% (total of free and intrinsic moisture)
Color	Tan
Particle Shape	Small cubes
Density	5 - 7 1/2% #/ft ³

Particle Size Distribution #4 grade:

+16	0 - 10 %
16/50	70 - 100
50/100	0 - 20
-100	0 - 10

ORIGIN: USA

PACKING: 4 cubic foot paper bags on pallets.