

## Minelco Dupre Vermiculite

Category : Ceramic , Oxide , Magnesium Oxide , Silicon Oxide

### Material Notes:

Vermiculite is the geological name given to a group of hydrated laminar minerals which are aluminum iron magnesium silicates resembling mica in appearance. The water content, typically around 10%, gives Vermiculite the unusual properties of expanding (termed Exfoliation) when heated rapidly, due to the interlaminar generation of steam. Vermiculite is a safe inert material, light in color. When heated it expands up to 30 times its original volume converting dense flakes into lightweight, porous granules containing innumerable minute air layers. Exfoliated vermiculite is light and clean to handle, has a high insulation value, acoustic insulating properties and will absorb and hold a range of liquids. The granules are non-combustive and are insoluble in water and organic solvents. Applications: Exfoliated vermiculite is used in the friction brake linings market, high temperature insulation, loft insulation, sound insulation, various construction products, animal feeds, horticulture and many other industrial applications. The cation exchange properties of vermiculite, and its layered structure and surface characteristics are utilized in products such as fire resistant coatings and gaskets.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Minelco-Dupre-Vermiculite.php](http://www.lookpolymers.com/polymer_Minelco-Dupre-Vermiculite.php)

Descriptive Properties	Value	Comments
Appearance	Expanded granules	

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