

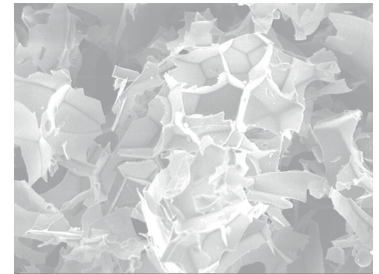
Perlite

IFAB Filler

The distinguishing feature which sets perlite apart from other volcanic glasses is that when heated to a suitable point in its softening range, it expands from four to twenty times its original volume. This creates an amazing lightweight filler which are commonly used in paint, rubber, plastic etc.

IFAB Perlite possesses many of the same properties as diatomite. But a distinct advantage in applications such as IFAB Perlite is an excellent filler thanks to its unique characteristics such as low density, chemical inertness, particle structure, liquid absorbency and high specific surface.

IFAB Perliet is made by a special lava sand. The lava sand is heated to 1100°C at which all the moisture in the sand evaporates and the material expands, and pops like popcorn. Perlite can in this form be used as an isolation material and filler. The expanded material is grinded and classified with regards to particle size and particle distribution into different filter aids and fillers. Perlite is distinguished by its low density and consists, as diatomite, of nearly pure silicon dioxide. Perlite has no effect on taste, odor or color.



Key Product Features

- Very light weight
- Reinforcing structure
- Fine particle size
- High brightness
- Lower volumetric cost
- High silicon dioxide content



Low bulk density



High silicon dioxide content



See webpage for related products



Quality specified by **IFAB** Sweden



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