

pleximer™

Halloysite Nanotube – Polymer Concentrate

Pleximer is a turnkey concentrate that utilizes NaturalNano's patented technology to blend naturally occurring Halloysite clay nanotubes with base polymer materials.

Why the Pleximer Solution?

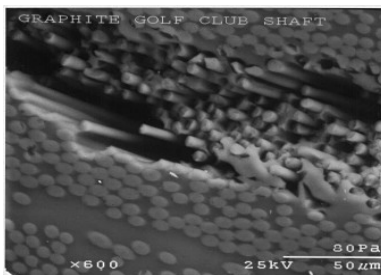
- Turnkey solution—drop-in additive in pellet form
- Lower processing cost
 - Runs on standard processing equipment
 - No exfoliation
- Uniform dispersion
- Effective coupling to polymer
- Compatible with a wide range of polymers



The Halloysite Advantage

Halloysite nanotubes offer significant manufacturing benefits over alternative nanomaterials fillers, resulting in stronger, lighter, and less expensive polymer composites.

Conventional Filler



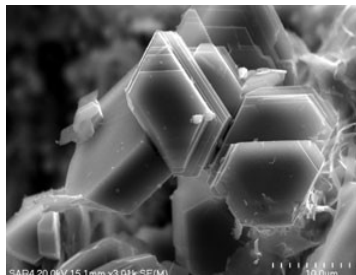
Features:

- High strength
- Often Brittle
- High weight

Process:

- Standard equipment

Platy Nanoclay



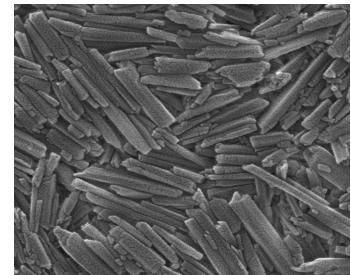
Features:

- High strength
- **Less** brittle
- **Lower** weight

Process:

- Non-standard equipment
- Specialized chemistry
- Limited compatibility

Halloysite Nanotubes



Features:

- High strength
- **Less** brittle
- **Lower** weight

Process:

- **Standard equipment**
- **Lower process costs**
- **Broad compatibility**

About NaturalNano

NaturalNano, Inc. (OTCBB:NNAN) (FWB:N3N) is a nanomaterials company developing proprietary technologies and processes for providing novel properties for a wide range of applications. These include industrial polymers, plastics and composites; and additives to cosmetics, agricultural, and household products. NaturalNano holds over twenty issued or pending patents and proprietary know-how for extraction and separation processes, of halloysite and other nanotubes, in combination with other materials for a wide range of applications.

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