

Lab Samples Available : Contact us at 1 (208) 766-4777 x147 to discuss your needs and/or to request a sample.



While we want you to know all the great business reasons for working with Hess, you're going to want hard technical information too. We also invite you to visit www.hesspumice.com for more extensive data and links to download a material data safety sheet and other publications.

Typical Technical Properties

CHEMICAL ANALYSIS

- Silicon Dioxide: 76.2%
- Aluminum Oxide: 13.5%
- Ferric Oxide: 1.1%
- Ferrous Oxide: 0.1%
- Sodium Oxide: 1.6%
- Potassium Oxide: 1.8%
- Calcium Oxide: 0.8%
- Titanium Oxide: 0.2%
- Magnesium Oxide: .05%
- Moisture: <1.0%

PHYSICAL PROPERTIES of PUMICE

- Chem Name: Amorphous Aluminum Silicate
- Hardness (MOHS): 6
- pH: 7.2
- Radioactivity: None
- Softening Point: 900 degrees C
- Water Soluble Substances: 0.15%
- Reactivity: Inert
(except in the presence of calcium hydroxide or hydrofluoric acid)
- Appearance: White powder
- GE Brightness: 84

Magnified view of pumice vesicles.

