**Hess Grade: \( \frac{3}{4} \times \frac{5}{16} \) MN**

### PARTICLE SIZE SPECIFICATION

<table>
<thead>
<tr>
<th>SIZE</th>
<th>ALLOWABLE PERCENT PASSING</th>
</tr>
</thead>
<tbody>
<tr>
<td>MICRON 19000</td>
<td>95-100</td>
</tr>
<tr>
<td>MM 19</td>
<td></td>
</tr>
<tr>
<td>U.S. MESH 3/4</td>
<td></td>
</tr>
<tr>
<td>MICRON 4750</td>
<td>0-20</td>
</tr>
<tr>
<td>MM 4.75</td>
<td></td>
</tr>
<tr>
<td>U.S. MESH 4</td>
<td></td>
</tr>
</tbody>
</table>

**TEST METHOD:** ASTM C136-06

### LOOSE BULK DENSITY

45 lb/per cubic foot (damp) [720.8 kg/per cubic meter] (ASTM C29)

### GRADE APPLICATIONS
- Lightweight concrete aggregate
- Lightweight geotechnical fill
- Air filtration media
- Soilless grow media

### RETAIL PRODUCT BRANDS


### PACKAGING OPTIONS
- 2 lb or 1 kg resealable bags
- 20 lb [9 kg] box
- 2200 lb [998 kg] super sacks (palleted)
- Bulk shipped in rail car or tractor trailer

### ORDER
- Samples, small quantities: order direct from the PumiceStore.com
- Palleted super sacks, truckloads: contact us at sales@hesspumice.com or call 208-766-4777

### PUMICE TECHNICAL DATA

Chemical analysis, physical properties, and other common data shared by all Hess Pumice grades are detailed on back.

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HP Grade three-quarter by five-sixteenths MN* (mine grade) contains stones from 3/4-inches to 5/16-inches in size with some moisture-adhered fines.

*MINE GRADES are crushed and screened at the mine and are not dried for packaging in palleted production bags, but rather available in bulk quantities.

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Hess PUMICE
IDAHO USA
(208) 766-4777 • www.hesspumice.com

Mining and refining the purest commercial deposit of white pumice on the planet.
Amorphous (non-crystalline) in structure and composed primarily of aluminum silicate, pumice is a naturally calcined volcanic glass foam consisting of highly vesicular strands permeated with tiny air bubbles. It is these frothy, friable glass vesicles that, when carefully refined to various grades, give pumice its unique and infinitely useful qualities.

NOTES
• Chemical analysis and physical properties provided are common to all raw Hess pumice grades.
• Grade Variety. The natural, hard-yet-friable character of our pumice combined with our crushing and screening expertise allow us to offer pumice grades and grade blends down to 3 microns.
• Safe to Use. No hazardous crystalline structure: testing for crystalline silica (airborne particles of respirable size) finds no measurable Crystalline Silica (SiO₂) present. Free of heavy metals, pesticides, nano-particles, allergens. Certified organic input material.
• Purity: As the result of centuries of wave action from a now-extinct inland sea, our pumice is remarkably pure. Our mine grades are typically comprised of 98% pumice and 2% other igneous minerals, which are not removed through our mining processes.
• Storage: Keep dry and protected from the elements until use.