

# SPECIAL PLASTERS™

## Pumice Powders & Grains

### Product Description

Pumice is a light weight natural alumina silicate of volcanic origin, light grey in colour. An inert, pozzalanic, foamed mineral exhibiting high mechanical strength and low density.

### Applications

Pumice is recommended for tumbling, glass/Crystal polishing, printed circuit board preparation, dental treatments and cosmetic scrubs.

### Physical Properties

Mohs Hardness	6-6.5
Melting Point °C	1600

### Chemical Analysis

SiO <sub>2</sub>	74.13 %
Al <sub>2</sub> O <sub>3</sub>	11.8 %
Fe <sub>2</sub> O <sub>3</sub>	1.39 %
MgO	0.02 %
CaO	0.32 %
Na <sub>2</sub> O	3.50 %
K <sub>2</sub> O	4.33 %
MnO	0.05 %
TiO <sub>2</sub>	0.08 %
Loss on Ignition	4.28 %

### Size Range & Densities

<b>NMP-11</b> 0-75 Micron 625-650kg/m <sup>3</sup> 695-745kg/m <sup>3</sup>	<b>NMP-8</b> 0-125 Micron 600-660kg/m <sup>3</sup> 750-800kg/m <sup>3</sup>	<b>NMP-6</b> 0-180 Micron 600-645kg/m <sup>3</sup> 735-785kg/m <sup>3</sup>	<b>NMP-7</b> 0-250 Micron 600-635kg/m <sup>3</sup> 740-785kg/m <sup>3</sup>	<b>NMP-2</b> 0-400 Micron 610-650kg/m <sup>3</sup> 705-740kg/m <sup>3</sup>
<b>NMP-7/1</b> 106-250 Micron 420-480kg/m <sup>3</sup> 540-575kg/m <sup>3</sup>	<b>NMP-18</b> 325-800 Micron 380-430kg/m <sup>3</sup> 440-475kg/m <sup>3</sup>	<b>NMP-16</b> 212-400 Micron 385-410kg/m <sup>3</sup> 440-475kg/m <sup>3</sup>	<b>NMP-9</b> 400-1400 Micron 375-430kg/m <sup>3</sup> 450-485kg/m <sup>3</sup>	<b>NMP-4</b> 1180-2500 Micron 380-410kg/m <sup>3</sup> 420-450kg/m <sup>3</sup>
<b>NMP-12N</b> 2000-3200 Micron 380-410kg/m <sup>3</sup> 425-450kg/m <sup>3</sup>	<b>NMP-12</b> 2000-3500 Micron 425-475kg/m <sup>3</sup> 500-525kg/m <sup>3</sup>	<b>NMP-5</b> 2000-4500 Micron 375-410kg/m <sup>3</sup> 425-450kg/m <sup>3</sup>	<b>NMP-4.5/6.5</b> 3000-6500 Micron 380-420kg/m <sup>3</sup> 430-460kg/m <sup>3</sup>	

Densities are given as dry and wet.

The data given on this sheet is based on test results believed to be representative of the product and should not be interpreted as a binding specification