

# BENTOLITE H

## Product Data

### Special Features and Benefits

BENTOLITE H is a white bentonite produced from native, colloidal aluminum silicate by our unique process. The unequalled high purity, whiteness and brightness of BENTOLITE H are made possible by our selective mining, proprietary and rigid process control of the crude ore. The small particle size of BENTOLITE H along with its high surface area, give rise to its unique ability to absorb high levels of oil. It has been successfully used in medicated soap bars with typical levels ranging from 1-10 % by weight. In addition to its oil absorbency, BENTOLITE H can act as a rheological aid in water based systems. It will impart thixotropic flow properties which are highly desirable in most liquid products.

### Recommended Use

- Soap Bars
- Carrier/Filler for Organics
- Binder/Disintegrant

### Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Form:	Fine white powder
Odor:	None
Brightness (GEB):	79
Moisture Content:	10.0 % maximum
pH:	9.5 (2 % solids in deionized water)
Viscosity (5 % solids):	5.0 cps
Swelling:	16.0 mls (2 g in deionized water)
SiO <sub>2</sub> :	68.1 %
Al <sub>2</sub> O <sub>3</sub> :	13.5 %
MgO:	2.9 %
Fe <sub>2</sub> O <sub>3</sub> :	0.7 %
CaO:	0.9 %
Na <sub>2</sub> O:	3.5 %
K <sub>2</sub> O:	0.1 %
TiO <sub>2</sub> :	0.2 %
Loss on Ignition:	9.1 %

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