

Bentolite H^b

Product Data Sheet

Bentolite H

50-1-10021

Revision 0

Issue date 28 Sep 2006

This version replaces all
preceding versions

All these data are average values
We reserve the right to change
these data and information,
should it become necessary

SPECIFICATION

Applications:

Soap Bars Carrier/Filler for Organics
Binder/Disintegrant

Typical Physical Properties:

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)

Typical Chemical Properties:

SiO ₂	68.1 %
Al ₂ O ₃	13.5 %
MgO	2.9 %
Fe ₂ O ₃	0.7 %
CaO	0.9 %
Na ₂ O	3.5 %
K ₂ O	0.1 %
TiO ₂	0.2 %
Loss on Ignition	9.1%

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.

The above typical values are not intended as product specifications.