

# Product Information

## Sensowhite 4

### Product Description:

Sensowhite 4 is a high purity surface treated jet-milled barium sulfate that is an easily dispersible functional filler and titanium dioxide extender. It is easily dispersible under high sheer mixers or horizontal bead mills. A finely ground product (Hegman 7+) should be rapidly achieved. The unique surface coating of Sensowhite 4 ensures low gloss degradation and a high packing density. Its addition reduces the need for expensive tinting pigments.

### Applications:

Sensowhite 4 is used as an easily dispersible functional filler and titanium dioxide extender. It is especially suitable in primers, powder coatings, gel coats, plastics and inks. It is used in chemical resistant flooring, automotive and tank linings.

### Chemical Formula:

BaSO<sub>4</sub>

### CAS No. :

7727-43-7

### Typical Properties:

Parameters (units)	Typical value
BaSO <sub>4</sub> (%)	98.6
SrSO <sub>4</sub> (%)	1.5
SiO <sub>2</sub> (%)	0.4
CaO (%)	0.2
Fe <sub>2</sub> O <sub>3</sub> (%)	< 0.1
Particle size distribution, D97 (µm)	4 ± 1
Particle size distribution, D97 (µm)	1.45 ± 0.2
Specific surface area (m <sup>2</sup> /g)	1.2
Colorimeter: L, a, b	96, 0, 1
Oil absorption (g/100g)	12
Specific gravity	4.4
Tapped bulk density (g/mL)	1.5
Loss on ignition, 2.5 hrs at 1000 °C (%)	0.2
Volatile content (%)	0.2
Water soluble (%)	< 0.1

\*% denoted represents wt/wt %, unless noted otherwise

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## Packaging:

Material packaging options are available upon inquiry.

## Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

## Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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