



BARYTES GS & ZW

Barytes is a dense and relatively inert mineral used as a functional filler, extender and weighting agent. G&W barytes is sourced from overseas producers and is supplied to the friction, coatings, plastics and radiation protection markets.

FEATURES

Relatively inert over wide pH range
High specific gravity

Low oil absorption
Low water solubility

High temperature of decomposition

Fairly soft: Moh's hardness of ~3

BENEFITS

Chemical resistance
Weighting agent / radiation absorption
Minimum binder/solvent demand
Improved marine/protective coatings
Stable at high temperatures, friction linings
Low to moderate abrasivity

TYPICAL CHEMISTRY

BARYTES GS

>93%
<3%
1%
2%

BARYTES ZW

>93,0%
<3%
0,05%
2%

TYPICAL PHYSICAL PROPERTIES/PACKAGING

BARYTES GS

Pink Beige
-
>3,9
2,0
7,77
3 – 3,5
<1%
8,4%
0,4%
<10% on 53 micron
40kg paper bags
5155

BARYTES ZW

Off White
78 Min. Typical
>3,9
1,8
7,9
2,5 – 3,5
<1%
14%
0,48%
<1% on 53 micron
40kg paper bags
0807

BaSO₄
SiO₂
Fe₂O₃
Al₂O₃

Natural Colour
L-Value (Colour Flex)
SG
Bulk Density (g/cm³)
pH
Hardness
Moisture
Oil absorption
LOI
Grading retained
Packaging
Product code

APPLICATIONS

Barytes GS: Coatings, friction linings, sound absorption
Barytes ZW: Coatings, plastics, friction linings