

## Dry Hydrated Alumina

# SH500

### PRODUCT INFORMATION

Dried Aluminium trihydroxide,  $\text{Al}(\text{OH})_3$ , named Hydrargillite or Gibbsite, from the Gardanne Bayer Process.

This grade is used for the production of various chemicals, as mineral filler and in a variety of other applications.

### CHARACTERISTICS

<b>Physical Characteristics</b>	<b>Unit</b>	<b>Typical Value</b>
Particle Size Distribution ( Malvern)		
D50	$\mu\text{m}$	50
$l < 15 \mu\text{m}$	%	10
$l < 125 \mu\text{m}$	%	95
Bulk density	$\text{g/cm}^3$	1.25
Moisture content (0-100 °C)	%	0.1
<b>Chemical Characteristics</b>	<b>Unit</b>	<b>Typical Value</b>
$\text{Al}_2\text{O}_3$ (by calculation)	%	65.2
LOI (20-1000°C)	%	34.6
$\text{Na}_2\text{O}$ total	ppm	2200
CaO	ppm	100
$\text{SiO}_2$	ppm	60
$\text{Fe}_2\text{O}_3$	ppm	70

Valid after: Nov/01/2012

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