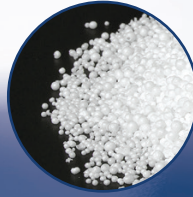


DURALUM® AB



General Inquiries

North & South America

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DESCRIPTION

DURALUM® AB is an electric arc furnace product made from high purity Bayer process alumina. Product chemistry is similar to that of white aluminum oxide. Bubbles are formed from molten alumina, resulting in hollow spheres of low bulk density.

APPLICATIONS

DURALUM® AB is used for inducing porosity in grinding wheels, as filter media, and in insulating refractories.

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Orkanger, Norway

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TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃ (by difference)	99.20%
SiO ₂	0.60%
Fe ₂ O ₃	0.02%
Na ₂ O	0.15%
CaO	0.01%
Other Oxides	0.02%

TYPICAL PHYSICAL PROPERTIES

Crystallography	Alpha alumina, in the hexagonal crystal system
Color	White
Shape	Spherical shaped hollow bubbles
Average crystal size	2,500 microns, no matrix

TYPICAL BULK DENSITY

Size	lb/ft ³
4 / 10	30 – 45
6 / 10	30 – 45
10 / 20	32 – 45
14 / 40	40 – 55
20 / 36	40 – 55
36 / F	45 – 65

SIZES AVAILABLE

Standard: 4 / 10, 6 / 10, 10 / 20, 14 / 40, 20 / 36, 36 / F

Additional Sizes: 4 / 6, 4 / F, 6 / F, 10 / F, 20 / F

This product information is NOT a specification. It is offered in good faith only as a general description of the product. **Washington Mills makes no warranty of merchantability or of fitness for any particular purpose.** The product chemistry and other characteristics may vary or contain trace elements not specifically listed. If your intended application for this product is so critical that relatively minor variations in chemistry or physical properties could cause problems or damage to your process or product, please contact our office for further assistance.