



Ultra Light Filler Beads

## Spex•Lite® BA Series Technical Data Sheet

### Product Description

Spex•Lite® BA Series Products are ultra pure, high performance, low cost bubble alumina fillers. They have exceptional heat performance and chemical compatibility at a range of sizes.

### Material Properties

**Material Form:** Hollow spheres of fine polycrystalline alumina

**Melting Point:** 2,072°C / 3,761.6°F

**Boiling Point:** 2,977°C / 5,390.6°F

**Chemical Resistance:** Excellent

### Technical Data

Screen Size % Retained	0/2	1/2	2/3	2/5
Typical g/cc	0.825	0.65	0.60	0.625
<212 µm	0 - 10%	-	-	-
212 µm	10 - 40%	-	-	-
600 µm	15 - 45%	-	-	-
< 850 µm	-	0 - 5%	-	-
850 µm	-	0 - 20%	-	-
1.0 mm	20 - 70%	25 - 55%	-	-
1.4 mm	-	20 - 50%	-	-
<1.7 mm	-	-	0 - 10%	-
1.7 mm	-	-	3 - 23%	-
<2 mm	-	-	-	0 - 20%
2 mm	0 - 10%	0 - 20%	20 - 50%	30 - 50%
2.36 mm	-	0 - 5%	20 - 60%	-
2.8 mm	0 - 1%	-	0 - 20%	5 - 30%
3.35 mm	-	-	0 - 1%	10 - 60%
4.75 mm	-	-	-	0 - 20%
5.6 mm	-	-	-	0 - 1%

### Chemical Analysis

Chemical	Typical Result
Al <sub>2</sub> O <sub>3</sub>	99.00
SiO <sub>2</sub>	0.70
Na <sub>2</sub> O	0.18
Fe <sub>2</sub> O <sub>3</sub>	0.02

**For further information on the above product, or to discuss your specific needs, please call us at (440) 462-1500, or email us at [info@spexlite.com](mailto:info@spexlite.com).**

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