

The market of metal oxide AEROGELS

\$495mio USD

Global Market 2023(f)

Mostly USA and ASIA

Aerogels providers



- Cabot (USA)
- ASPEN AEROGELS (USA)

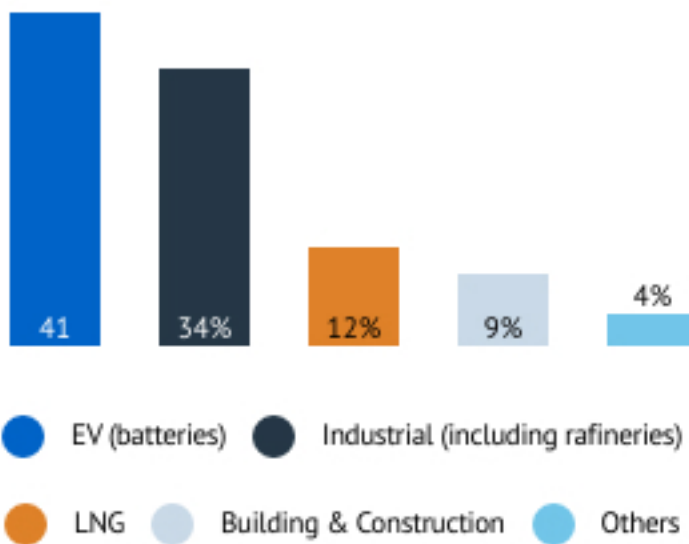


- JIOS (Singapore)
- IBHI (China)
- Krosslinker (Singapore)
- Guangdong Alison Hi-Tech (CN)
- Nano Tech Co (CN)
- 10 more small companies in China (<1T pa)

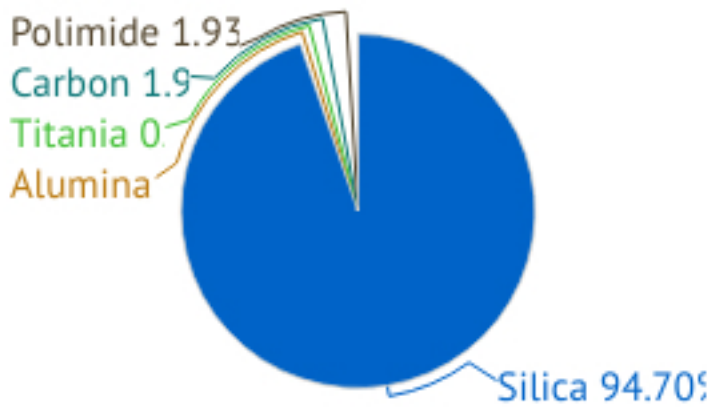


- Fixit (Switzerland)
- Keey Aerogels (France)
- Velux (Denmark)

Aerogels market by application



Almost all the aerogels on the market are silica based



Aerogel Product Forms

- 01 Monoliths
- 02 Bulk Powder (Cabot -Germany)
- 03 Blanket (Aspen Aerogels (USA), Alison (China))
- 04 Daylighting Screens
- 05 Windows
- 06 Composite boards

Thread to growth



Raw Materials Costs

Silica aerogels are the only commercial aerogel available; the price of silica raw materials and solvents will dictate the cost of this product.



Competitive technologies

Intelligence foams, inorganic composites, modified cork



Long Term Stability

Dustiness, low mechanical strength, loss of properties when used in composites.