

Integrated Materials, Inc. Company Fact Sheet

Company Overview

Integrated Materials, a silicon science and technology company, is dedicated to advancing semiconductor manufacturing through improved technologies and processes. Its SiFusion™ technology enables the first pure poly silicon furnaceware, a breakthrough solution for front-end thermal processes.

Company Headquarters

1169 Borregas Avenue
Sunnyvale, CA 94089

Market Overview

As the semiconductor industry moves to smaller geometries, fabs face pressures to maintain the high performance standards set by IC customers. The materials traditionally used to construct furnace consumables – quartz and silicon carbide – are the source of much of the wafer's defects and contamination. Defect detection and removal for years has been the fab's only opportunity for furnace process improvements. Defect prevention, through use of poly silicon fixtures, opens the door to new levels of throughput for advanced integrated circuit manufacture.

Technology

Integrated Materials' expertise and intellectual property on the science of silicon includes 14 U.S. and four international patents for its SiFusion technology. This innovative technology enables the successful manufacture of semiconductor-grade furnace fixtures from poly silicon – the purest commercial material in the world. Integrated Materials is the first and only company to do this.

Product Portfolio

Integrated Materials' complete line of poly silicon SiFusion furnaceware includes boats, injectors, liners, pedestals, ring boats and shelf boats.

Applications

SiFusion furnaceware is ideal for use in all vertical furnace applications in 200 mm and 300 mm environments. Thermal processes include LPCVD, amorphous silicon, high temperature oxidation (HTO), and other high-temperature processes up to 1350°C.

Global Reach

Headquartered in Silicon Valley, Integrated Materials has a global network of sales and support representatives to service customers locally.

Worldwide Support Offices:

Asia

Japan
Korea
Singapore
Taiwan

Europe

France
Germany
Italy
Switzerland

United States

Texas
California

Financing

Privately held. American River Ventures led the last round of financing in November 2005 with investments from existing investors Alloy Ventures, Labrador Ventures and Rocket Ventures.

Contact

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SIFUSION

the future of furnaceware™

www.sifusion.com