

Xycarb Ceramics B.V. – Postbus 6121 – 5700 EV Helmond

Xycarb Ceramics B.V.

Zuiddijk 4

5705 CS Helmond

The Netherlands

Tel: +31 (0) 492 578 787

Fax: +31 (0) 492 534 135

info@xycarb.nl

www.xycarb.nl

Xycarb Ceramics makes available World's First 450 mm (18 inch) Epi Susceptor

Helmond, The Netherlands, 29th June 2011, Xycarb Ceramics makes available the first 450 mm (18 inch) SiC coated graphite susceptor for Single Wafer Epitaxial High Temperature CVD processing, also referred to as Single Wafer EPI or SW EPI. "With this first part Xycarb demonstrates that its current capability in making parts for high temperature applications is ready for the future of the 450 mm developments" commented Mr. Peter Spit, Vice President Sales and Marketing, proudly next to the big susceptor. "This 450 mm processing part is attracting a lot of interest with engineers and managers following the 450 mm developments. We can not comment on specifics of the 450 mm EPI tools. It is the responsibility of the OEM's to come forward with their plans for developing EPI tools". Mr. Spit further commented "By showing our capabilities we want to emphasize the need for detailed discussions about the specifications of important machine parts like the susceptor that will be in touch with the 450 mm wafers. Although this susceptor looks simple we know from scaling from 200 to 300 mm the devil was in the details. We need to get him out quick in scaling from 300 to 450 mm. That is just what the R&D and Engineering teams of Xycarb are doing with the goal to enable our customers to realize high yield and utilization of 450 mm process lines. Therefore we are part of the European initiatives EEMI450 (ENIAC) and Point one".

450 mm Susceptors are available for testing as well as Ceramic parts for other systems like other CVD, PVD, Diffusion, Anneal, Etch, RTP, Ion Implant process equipment, that will be shown during Semicon Taiwan, Booth #2914, September 7-9, 2011, Taipei, Taiwan.

About Xycarb Ceramics B.V.:

Xycarb Ceramics is a leading company providing a complete range of Graphite, Quartz and Ceramic consumable parts and complementary products for the wafer processing industry. Xycarb solutions are used by a worldwide range of customers to produce advanced devices for electronic, opto-electronic and solar applications. Xycarb has its headquarters in Helmond, The Netherlands and is a division of the Schunk Group. Xycarb products and services are supported by a Global Sales and distribution network providing cost effective logistics. Our operations and subsidiaries are in Helmond (NL), Hapert (NL), Georgetown (TX, USA), Hsin Chu (TWN) and Singapore plus Sales offices in Japan, Korea and Germany.

Website: www.xycarb.com

Inquiries to: Michiel Festen +31 6 29544869 / michiel.festen@xycarb.schunk-group.com