

Press release
Lund 2017-10-17

Nexam Chemical supplies material for semiconductors – new segment within the high performance focus area

Nexam Chemical will early next year start supplying material to a new Japanese customer within the focus area high performance polymers, and thereby opening a new high performance segment – solutions for semiconductors.

The customer, a leading Japanese manufacturer of semiconductor materials, has for a long time collaborated with Nexam Chemical to produce materials that meet the high standards of semiconductor encapsulation materials. Semiconductors are included in the components of most of the electronics we currently have around us, e.g. mobile phones, computers etc. As components become smaller, the demand on heat resistance have increased. Nexam Chemical has materials that fit well for these requests.

“So far we have been focused on high temperature composites in the high performance area. We now have a first customer within semiconductors and we see opportunities for interesting projects together with several players, which in in the long run can lead to business. Initially it is about smaller volumes, but with a potential to develop further. This is a new exciting area where Nexam Chemical’s technology can create value for the material manufacturers” says Anders Spetz CEO at Nexam Chemical.

“The interest from the companies developing semiconductors is mainly based on that Nexam Chemical’s material and products enable curing at lower temperatures. The polymeric materials included in the semiconductors are cured in a later stage of the manufacturing process and therefore needs to be done at a lower temperature so that other parts are undamaged. As the industry moves towards smaller and smaller components, the temperature in the components are often higher during usage. Therefore, temperature-resistant materials like polyimide are needed. However, polyimide must normally be cured at fairly high temperatures, but with the help of NEXIMID®, the temperature can be reduced with up to 100 degrees Celsius. A significant difference” says Masaki Shimada at Kadotoku, Nexam Chemical’s distributor in Japan.

Note: This press release has been translated from Swedish. The Swedish text shall govern for all purposes and prevail in case of any discrepancy with the English version.

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About Nexam Chemical

Nexam Chemical develops technology and products that make it possible to significantly improve the production process and properties of most types of plastics in a cost-effective manner and with retained production technology. The improved properties include strength, toughness, temperature and chemical resistance as well as service life. The improvements in properties that can be achieved by using Nexam Chemical's technology make it possible to replace metals and other heavier or more expensive materials with plastics in a number of applications. In applications where plastic is already used, Nexam Chemicals products can improve the manufacturing process, reducing material use and enable more environmental friendly alternatives. Example of commercial applications: pipe manufacturing, foam production and high-performance plastics. More information about the business will be found on www.nexamchemical.com. The company's Certified Adviser is FNCA Sweden AB.