



Press release
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Nexam Chemical introduces a new product: NEXIMID[®] HT-R

Nexam Chemical introduces a new resin that is primarily intended for use within the aerospace industry, but also in the general industry and transport sectors. The new resin, NEXIMID[®] HT-R, can be used in volume production of high-temperature composites by Resin Transfer Moulding (RTM).

NEXIMID[®] HT-R is a polyimide resin which is based on Nexam Chemical's crosslinkers NEXIMID[®] 100 (PEPA) and the Nexam Chemical unique NEXIMID[®] 400 (EBPA).

The resin is a new product on the market and has a unique combination of advantages:

- Temperature performance, with a high softening temperature of 360-400° C
- Low viscosity at processing, which enables superior processing properties

The above unique combination of advantages makes it possible to manufacture high-temperature composites with RTM, which is beneficial from both a time and cost perspective for the users.

The resin is produced at Nexam Chemical's production unit in Scotland, UK, and will be marketed and sold globally, but primarily on the European, North American and Japanese markets.

NEXIMID[®] HT-R has been evaluated together with Swerea SICOMP (www.swerea.se/sicomp/) in the EU-financed Clean-Sky project Hictac. Swerea SICOMP is one of Europe's leading research institutes in the field of polymer fibre composites.

Dr. Patrik Fernberg from Swerea SICOMP, Piteå, Sweden, will present results from their tests at the conference *16th European Conference on Composite Materials (ECCM16)* in Seville, Spain, the 26th of June 2014. For more information, click [here](#).

"It is a break-through to come out on the global market with this type of high-temperature resin. That it is produced in Europe will also provide market advantages. The resin has, in our opinion, the potential to become a standard material suited for large production runs, in areas such as civil aviation and industrial applications. Patent applications relating to the resin has been filed", says Jan-Erik Rosenberg, Commercial & Market Development Director, Nexam Chemical.

Polyimide resins are used in the most durable and high-performance composites available today. The overall global market demand for polyimide resins is approximately 60,000 tons annually and the market is growing. There are many



application areas for polyimide based composites, for example in aerospace, general industry, transport and electronics (both consumer and industrial).

For more information, please contact:

Lennart Holm, Chairman of the Board: +46 (0)706 30 8562
Per Palmqvist Morin, CEO, +46 (0)706 55 55 82

Nexam Chemical is a Swedish company with a world-leading technology within its area for heat-activated crosslinking of plastics and polymers. The company develops, manufactures and markets unique heat-activated crosslinkers to the plastics market. A company description and more information about the business will be found on www.nexamchemical.com. The company's Certified Adviser is Remium Nordic AB.

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.