News
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MATPAX-project completed with positive outcome

MATPAX, a two year Eurostars/Vinnova funded collaboration project between Nexam Chemical and two European project partners, has been completed according to plan. The aim was to develop new polyamide resins and a new manufacturing process with the goal to address light weight applications within, for example the electronic and automotive industry. Based on the positive results so far, the partners have agreed to further develop the technology.

The main focus of the project was to develop a system solution comprising a tailored resin, with embedded reactive functionality (cross-linkers), and a production process to manufacture crosslinked parts from this resin. The test results displayed significantly enhanced mechanical properties. These results create opportunities for new applications where, for instance product performance could be retained in parts made with less material than existing products – enabling weight reduction.

"The MATPAX-project was successful and the participants are optimistic about this technology. We are developing a new solution with an interesting future and we have gained a lot new knowledge about plastics materials development", says Dane Momcilovic, CTO.

For more information about the project visit www.vinnova.se (only in Swedish). Nexam Chemical has received half of the project cost as contribution from Vinnova. Total contribution received during the project amounts to approximately SEK 2.4 million.

Note: This news 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.