

New polymeric carbodiimides from LANXESS provide more reliable protection for plastics against hydrolysis

- **Improved antihydrolysis additives**
- **Very good stabilization of biopolymers**
- **Good processing properties**

Cologne – The LANXESS Rhein Chemie Additives (ADD) business unit is expanding its large product range of hydrolysis stabilizers for plastics and polyurethanes with the addition of Stabaxol P 110, the first product in a new line of innovative, low-emission polymeric carbodiimides based on alternative raw materials.

With Stabaxol P 110, as with the other new carbodiimides, LANXESS is addressing the trend towards customized antihydrolysis agents that are tailor-made for use in individual applications and are thus an enormous improvement with respect to stabilization performance, toxicology, emissions and handling.

Stabaxol P 110 shows outstanding performance when used in the thermoplastics PET and PBT and in thermoplastic elastomers (TPE-E). In particular its use in the bioplastic polylactide (PLA) leads to a major extension of the service life of the final article under moist and warm operating conditions.

Stabaxol P 110 is supplied in pellet form or as an easy-flowing powder. It can be very easily processed as it does not have to be pre-heated in the production process, has a high softening point of 80 °C and is thus easy to meter uniformly.

Typical applications include monofilaments for paper machine screens, cable sheathing, engineering injection moldings and electronic housings.

LANXESS AG
Corporate Communications
50569 Köln
Germany

Martina Bitterlich
Phone: +49 621 8907-455
martina.bitterlich@lanxess.com

Michael Fahrig
Phone: +49 221 8885-5041
michael.fahrig@lanxess.com

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LANXESS is a leading specialty chemicals company with sales of EUR 7.9 billion in 2015 and about 16,600 employees in 29 countries. The company is currently represented at 52 production sites worldwide. The core business of LANXESS is the development, manufacturing and marketing of chemical intermediates, specialty chemicals and plastics. Through ARLANXEO, the joint venture with Saudi Aramco, LANXESS is also a leading supplier of synthetic rubber. LANXESS is listed in the leading sustainability indices Dow Jones Sustainability Index (DJSI World) and FTSE4Good.

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Forward-Looking Statements

This news release may contain forward-looking statements based on current assumptions and forecasts made by LANXESS AG management. Various known and unknown risks, uncertainties and other factors could lead to material differences between the actual future results, financial situation, development or performance of the company and the estimates given here. The company assumes no liability whatsoever to update these forward-looking statements or to conform them to future events or developments.

Information for editors:

All LANXESS news releases and their accompanying photos can be found at <http://press.lanxess.com>. Recent photos of the Board of Management and other LANXESS image material are available at <http://photos.lanxess.com>. TV footage can be found at <http://globe360.net/broadcast.lanxess/>.

You can find further information concerning LANXESS chemistry in our WebMagazine at <http://webmagazine.lanxess.com>.

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