

Stand 2A137, Hall N2, Shanghai New International Expo Center

LANXESS to present innovative products and solutions at RubberTech China 2023

Shanghai, September 4, 2023 - Specialty chemicals company LANXESS will be at RubberTech China 2023 in Shanghai from September 4 to 6, showcasing a range of innovative products and solutions that contribute to cost reduction, efficiency increase and sustainability.

Sustainable products contribute to energy saving and environmental protection

The LANXESS Rhein Chemie business unit (RCH) supplies the rubber industry with a broad portfolio of predispersed chemicals, processing promoters, vulcanization and filling activators, anti-sun check waxes, and release agents. At RubberTech China 2023, LANXESS is showcasing its sustainable solutions as well as renewable, sustainable plant-based products.

To promote the recycling of materials in the rubber industry, LANXESS also presents a blockbuster product, Aktiplast 79, a waste rubber regenerant that is more energy-efficient and environmentally friendly while increasing the utilization rate. Currently, the traditional waste rubber regeneration method has low efficiency and high energy consumption, and is not environmentally friendly. In contrast, Aktiplast 79 greatly reduces the environmental hazards by improving the utilization efficiency.

Take the field of sports shoes as an example. Factories usually grind waste rubber into powder and add it to shoe soles to realize environmental protection and waste reuse. However, the performance of sports shoes will be affected if too much powder is added. On the other hand, if Aktiplast 79 is added to react with waste rubber, the utilization rate of waste rubber can be greatly improved under the premise of ensuring that all indicators of sports shoes meet the standards.

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Lightweight technology promotes cost reduction and efficiency increase

In addition to making its products greener and more sustainable, LANXESS is also committed to promoting energy saving and efficiency increase in the context of new industrial trends. For example, in the field of new energy vehicles, electric vehicles place more emphasis on range, so their demands on light weight and low rolling resistance of rubber tires are higher than traditional fuel vehicles.

Through customized R&D, RCH helps downstream customers make lighter tires with lower rolling resistance. This not only improves the driving range of cars, but also reduces the heat generated by tire friction during driving, thereby extending the life of tires. Additionally, RCH's Rhenogran Geniplex-70 can generate a foaming effect on rubber, which reduces density and enables more output from the same input of raw material. With this foaming technology in the production of car sealing strips, more products can be produced from rubber raw materials of the same weight, without compromising the sealing and sound insulation effects. Similarly, the technology can also be used in the field of sports shoes to make lighter sports shoes with lower costs.

It is worth mentioning that RCH has been investing in R&D based on its Qingdao lab to provide more environmentally friendly and innovative products and solutions for the rubber industry. Previously, LANXESS' Rhein Chemie Qingdao lab independently developed Rhenogran 2668, a new environmentally-friendly peptizer to replace the traditional peptizer containing the carcinogenic ingredient pentachlorothiophenol. The product was rated as a "Key Project of Enterprise Technology Innovation in Qingdao 2018".

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Press Release

About LANXESS

LANXESS is a leading specialty chemicals company with sales of EUR 8.1 billion in 2022. The company currently has about 13,100 employees in 32 countries. The core business of LANXESS is the development, manufacturing and marketing of chemical intermediates, additives and consumer protection products. LANXESS is listed in the leading sustainability indices Dow Jones Sustainability Index (DJSI World and Europe) and FTSE4Good.

LANXESS China

On January 31, 2005, the company was initially listed on the Frankfurt Stock Exchange and LANXESS Chemical (China) Co., Ltd. officially started operations. LANXESS now has 13 subsidiaries, 5 R&D centers and 5 production sites in Greater China. LANXESS works closely with its local partners to develop market-oriented solutions that meet local market needs.

Forward-Looking Statements

This company release contains certain forward-looking statements, including assumptions, opinions, expectations and views of the company or cited from third party sources. Various known and unknown risks, uncertainties and other factors could cause the actual results, financial position, development or performance of LANXESS AG to differ materially from the estimations expressed or implied herein. LANXESS AG does not guarantee that the assumptions underlying such forward-looking statements are free from errors, nor does it accept any responsibility for the future accuracy of the opinions expressed in this presentation or the actual occurrence of the forecast developments. No representation or warranty (expressed or implied) is made as to, and no reliance should be placed on, any information, estimates, targets and opinions, contained herein, and no liability whatsoever is accepted as to any errors, omissions or misstatements contained herein, and accordingly, no representative of LANXESS AG or any of its affiliated companies or any of such person's officers, directors or employees accept any liability whatsoever arising directly or indirectly from the use of this document.

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