Frankfurt, August 15, 2023

INEOS STYROLUTION INTRODUCES NEW ASA GRADE TO ADDRESS THE GROWING MARKET OF SMALL MEDICAL DEVICES FOR HOME AND HOSPITAL

- Luran® S MED 797S SPF30: One of the first ASA¹ materials in the market specifically for medical device housings. High impact and UV resistance with good processability and strong chemical resistance against disinfectants. Also compliant with ISO 10993-5/10².

- Luran® S ECO MED 797S SPF30 BC40: Also available using renewable feedstock.

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¹ ASA: acrylonitrile styrene acrylate polymer
² In process
INEOS Styrolution, the global leader in styrenics, today announced the introduction of a new ASA “MED” material dedicated to applications in the healthcare industry. It was designed specifically having small medical device housings and casings in mind.

The new Luran S MED 797S SPF30 is a member of INEOS Styrolution’s ASA product family Luran S. Luran S excels with strong property performance such as chemical resistance, UV resistance, and impact strength. Suitable for injection moulding applications, Luran S offers excellent flowability for easy processing.

Luran S MED 797S SPF30, available in NR (Natur) and in white (WT000112), builds on these strengths. The product shows excellent chemical resistance against alcohols (e.g. IPA, ethanol, propanol) or alcohol based disinfectants. It also shows good resistance against quaternary ammonium or glutaral based disinfectants making it a material of choice for clinical environments.

High impact strength specifically at room temperature and at lower temperatures (5°C) contribute to a better protection of devices, e.g. avoiding cracking failures when a device drops to the floor. This particular performance trait makes Luran S MED 797S SPF30 a compelling alternative to standard ABS materials.

The new Luran S grade is also available using renewable feedstock, based on a mass balance process certified under ISCC PLUS. Luran S ECO MED 797S SPF30 BC40 contains 40% renewable content resulting in a carbon footprint reduction of up to 52% compared to fossil-based Luran S.

Bernd Elbert, Market Development Manager at INEOS Styrolution says: “The market segment of small, mobile medical and hospital devices is growing rapidly. The properties of our new Luran S MED 797S SPF30 make it a very strong contender for device housings and casings in this specific category. I invite every application designer to explore our new product for their next project.”
About INEOS Styrolution

INEOS Styrolution is the world’s leading styrenics supplier, with a high-performing portfolio of styrene monomer, polystyrene, ABS Standard and styrenic specialty products. With more than 90 years of innovation in materials science, INEOS Styrolution is focused on customer satisfaction with differentiated solutions that provide a competitive edge as well as investments in technology that enable closed loop recyclability for styrenics while reducing our carbon emissions. INEOS Styrolution applications can be found in many everyday products across multiple industries: including automotive, electronics, household, construction, healthcare, packaging, and toys/sports. Operating 16 production sites in nine countries, the company is a wholly owned subsidiary of INEOS Group Limited and employs approximately 3,100 people. Sales were 6.6 billion euros in 2022.

More information: www.ineos-styrolution.com

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In 2023, INEOS marks 25 years since its inception

On 5 May 1998, the first deal was signed to buy former BP site at Antwerp from INSPEC under the INEOS name, with 300 staff at a cost of £80m. Since this first deal, INEOS has completed hundreds of deals in petrochemicals, oil & gas, and energy growing to a $65bn revenue group with 36 businesses in 29 countries and 26,000 staff.

Over recent years, INEOS has expanded beyond the industrial heart with investment in consumer brands, sports and charities.

What defines INEOS is its scale, people and culture; asking the big questions to tackle global challenges - with grit, rigour and humour. And with remarkable people, achieving extraordinary outcomes.

25 years is a moment in time, to look back on what has been built and to look forward to what is to come. INEOS is ambitious and continues to look for new opportunities and go for growth. Follow the INEOS journey and see where it leads.
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