

# FACT SHEET

PLASTINDIA 2023, New Delhi, INDIA, Feb 01, 2023

## HYGIENE AND HEALTHCARE

PlastIndia is an international plastics exhibition and conference where national and international exhibitors present their new products and technologies. It works as a platform for buyers and sellers, joint ventures etc. and enhancement business prospects, strategic alliance and technology transfer.

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### OVERVIEW

SABIC continues to innovate with new materials and processing expertise to support customers with changing requirements in the Hygiene and Healthcare industry. As a materials and technology leader in the hygiene and healthcare industry, our dedicated, global team works closely with our customers to help them face market challenges and meet their requirements for innovative solutions and new applications.

We work in partnership with our customers to address global mega trends pushing the hygiene and healthcare industry: Sustainability, Safety and Regulatory, Design & Cost Efficiency, Advanced Technology & Improved Functionality, and Customer & Patient Conveniences.

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### INDUSTRY LANDSCAPE

With innovation and sustainability being at the core of our economic value-creation and growth strategy, and with a strong commitment to quality and reliability, we are building bonds with our Hygiene and Healthcare customers and helping them achieve success with differentiated applications:

- SABIC PURECARES™ solutions for hygiene and medical applications to address top market drivers in the hygiene and healthcare industry
- A full product line spanning from polyolefins to high performance plastics including ULTEM™ (PEI) resin, LEXAN™ (PC) resin, SABIC® PP resin, as well as a variety of specialty compounds.
- A Hygiene and Healthcare Product Policy to help support our customers in achieving regulatory compliance.
- New technologies and advanced materials developed at our state-of-the-art technology and innovation facilities to address the top challenges facing the industry.

### SABIC SPOTLIGHTS INNOVATIVE MATERIAL SOLUTIONS FOR AN EXPANDING GLOBAL HYGIENE AND HEALTHCARE MARKET AT PLASTINDIA

SABIC, a global leader in the chemical industry answers the needs of the hygiene and healthcare industry at Plastindia with a broad exhibit of differentiated material solutions, and application samples targeting improved functionality, sustainability, and safety, design, and cost, patient and consumer convenience.

SABIC's [PURECARES™](#) polypropylene (PP) solutions for hygiene and medical nonwoven applications, as well as different types of polyethylene (PE), resins for film and laminates in the hygiene market are to be exhibited at our booth, at PLastindia.

SABIC's healthcare offering includes SABIC® PCG – Pharmacopoeia grade poly-olefins such as polypropylene and polyethylene along with a broad portfolio of engineered thermoplastics such as

LEXAN™ HP PC, CYCOLOY™ HC ABS/PC, VALOX™ HX PBT, XENOY™ HX PC/PBT and XYLEX™ HX PC/PET. This portfolio is offered with SABIC's Healthcare Product Policy that includes pre-assessment for biocompatibility (ISO 10993, USP Class VI, European Pharmacopoeia – EP), food contact compliance, formulation lock and stringent management of change process to help customers develop healthcare applications.

SABIC's TRUCIRCLE™ portfolio includes certified circular and renewable polymers to help customers meet sustainability goals.

**Hygiene and Healthcare Solutions in the spotlight at SABIC's booth in Plastindia are focused on 4 key application areas:**

- **Patient care:** In this area, SABIC addresses the need for portable technologies, the reduction of healthcare-associated infections, and regulatory requirements.

SABIC's healthcare portfolio offers enhanced chemical resistance to variety of disinfectants, cleaners, lipids and IV solutions for reducing HCAI. Moreover, these materials offer capability to be sterilized by variety of sterilization processes including Gamma, E-Beam, Autoclave, EtO, etc. This capability can be instrumental to increase the effective time available for patient care.

- **Prevention:** SABIC PURECARES™ solutions help produce safe and pure materials for advanced functionality and softness for nonwovens and hygiene applications.

Wearable products designed to prevent people from acquiring infections and taking care of their personal hygiene require safe and pure materials for nonwoven with advanced functionality and the best comfort while incorporating care for the environmental impact, and consumer comfort is achieved by using SABIC PP polymers for bicomponent fiber to answer multiple needs for loft nonwovens, enabling easy lamination to other building blocks on medical nonwovens or absorbent hygiene applications.

During Plastindia, we will exhibit facemask examples of SABIC® PP and SABIC® PE polymer, which is part of our localization strategy. In addition, we will also show an example of facemask made of circular polymers, from SABIC's TRUCIRCLE Portfolio. A joint pilot project between Procter & Gamble, Fraunhofer and SABIC.

- **Dignosis:** SABIC's diagnostic solutions provide high clarity, durability, and chemical resistance for high-quality, shatter-resistant, blood collection tubes, measuring cups, syringes, etc.

Applications range from disposable vials and containers for sample collection, to hand-held instruments, such as pipettors for sample preparation, to clinical diagnostic equipment for rapid processing/evaluation of multiple samples.

- **Self-medication:** An increasingly urban society of health-conscious, knowledgeable and empowered consumers has created a growing market and demand for self-medication products and self-care devices. SABIC's broad portfolio of medical grade and PCG polymer solutions enable manufacturers to implement miniature design concepts and optimize the user-friendliness of devices. These devices and equipment allow connectivity to enable remote patient monitoring. They are portable and durable enough to be worn on a patient's body for continuous monitoring.

SABIC's healthcare product portfolio offers improved impact resistance, broad colourability range, improved durability and design freedom for appropriate lightweight applications. These materials allow a combination of components necessary to contain, preserve, protect and deliver a safe efficacy drug product: containers, bottles, caps & closures, films and bags for pharmaceutical packaging. Typical examples include blood pressure monitoring devices, continuous glucose monitors, administration dispensers, insulin pump housings and insulin

pens, eye droplets, containers for parenteral solutions, syringes, Vaccine delivery device (Vaccjet) ,Protection Frontline workers in medical care require reliable protective personal equipment, and surfaces in healthcare facilities must be effectively protected against the hazards of infections as well as fires – all while at the same time ensuring high durability and ease of maintenance.

Visit SABIC Booth during PlastIndia from February 1 to 5 in New Delhi, India to learn more about these and other Hygiene and Healthcare solutions. Our experts will also be available at the booth to discuss how SABIC's materials portfolio and design services can help you accelerate your journey towards profitable circularity and reduce the climate impact of your products as you address the growing demand for safe and functional applications in this market.