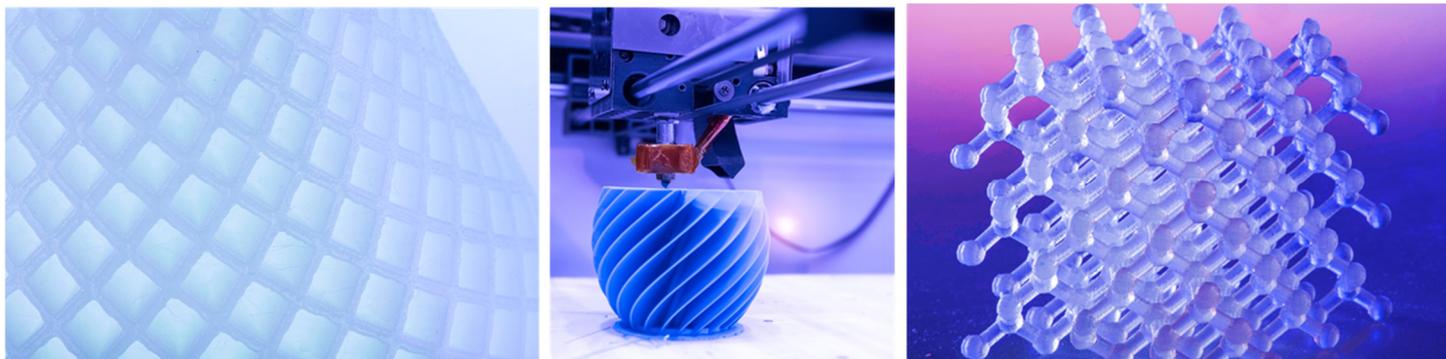


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CONTACT:
Simone Richter
simone_richter@huntsman.com



HUNTSMAN DELIVERS NEW DIMENSION IN 3D PRINTING WITH IROPRINT® ADDITIVE MANUFACTURING MATERIALS

New urethanes product platform unveiled at K preview ahead of main launch at K 2019

Everberg, Belgium - Global chemical company Huntsman today outlined details of a new range of additive manufacturing materials that it has developed, which are set to address emerging needs in the 3D printing industry. Huntsman's IROPRINT® additive manufacturing platform contains three different kinds of urethane-based materials (resins, powders and filaments), which can be 3D printed using a variety of additive manufacturing methods including stereolithography (SLA), high speed sintering (HSS) and fused filament fabrication (FFF).

Initially, Huntsman is launching its range of soft, flexible IROPRINT® additive manufacturing materials in the global footwear and sports industry, where 3D printing is being used to make both customized and mass manufactured shoes. Longer-term, Huntsman plans to roll its IROPRINT® additive manufacturing platform out across a much wider range of applications and industries.

At present, the IROPRINT® additive manufacturing platform includes three product lines, which have been optimized to work with the main 3D printing techniques preferred by footwear producers.

- **IROPRINT® R resins** are a range of soft, durable, one-component liquid resin systems that can be 3D printed using SLA, digital light processing (DLP) and other radiation-curing methods.
- For companies looking to 3D print with powder-based materials, **IROPRINT® P powders** are a line of high performance thermoplastic polyurethanes (TPU) for HSS forms of printing.
- **IROPRINT® F filaments** are a collection of high performance TPU materials, which have a consistent diameter, and are designed for use with fused filament fabrication (FFF) and other extrusion-based printing techniques.

All three IROPRINT® additive manufacturing product lines have been optimized for the production of footwear components and are easy to use and print, offering advanced abrasion resistance, elongation and tear strength. For radiation-cured forms of printing such as SLA or DLP, IROPRINT® R resins also offer a long pot life and quick cure capabilities.

Speaking at the K preview on Wednesday 3 July, where Huntsman unveiled its IROPRINT® additive manufacturing platform, Stephane Peysson, Global Business Development Manager at Huntsman Polyurethanes, said: "Our innovation incubation team worked in close cooperation with end-users and industry leaders to develop our IROPRINT® additive manufacturing product portfolio. Together, we looked closely at what makes a good 3D printing material, and what's been

missing from the market to date. We believe the launch of our IROPRINT® additive manufacturing portfolio fills a gap that exists for a range of functional, durable, yet softer 3D printing materials, which are technology agnostic, and both economical and easy to print - whatever your preferred production technique.”

“Ahead of the launch of the range, we’ve been building relationships with key technology partners, which in turn work with some of the biggest footwear brands in the world. Further down the line we see huge opportunities for our IROPRINT® additive manufacturing materials in other sectors of the 3D printing market, from components for the automotive industry to objects for Internet of Things (IoT) applications. It is an incredibly exciting time to be in the additive manufacturing market, with estimates suggesting the sector is set to grow by more than 20% by 2024. We look forward to discussing the launch of our IROPRINT® additive manufacturing platform with anyone actively involved in 3D printing at the main K show in October.”

Find out more about Huntsman’s IROPRINT® additive manufacturing range at K 2019 by visiting **Booth Hall 8a / Stand 22**.

For more information, visit www.huntsman.com.

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About Huntsman:

Huntsman Corporation is a publicly traded global manufacturer and marketer of differentiated and specialty chemicals with 2018 revenues more than \$9 billion. Our chemical products number in the thousands and are sold worldwide to manufacturers serving a broad and diverse range of consumer and industrial end markets. We operate more than 75 manufacturing, R&D and operations facilities in approximately 30 countries and employ approximately 10,000 associates within our four distinct business divisions.

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Forward-Looking Statements:

Statements in this release that are not historical are forward-looking statements. These statements are based on management’s current beliefs and expectations. The forward-looking statements in this release are subject to uncertainty and changes in circumstances and involve risks and uncertainties that may affect the company’s operations, markets, products, services, prices and other factors as discussed in the Huntsman companies’ filings with the U.S. Securities and Exchange Commission. Significant risks and uncertainties may relate to, but are not limited to, volatile global economic conditions, cyclical and volatile product markets, disruptions in production at manufacturing facilities, reorganization or restructuring of Huntsman’s operations, the ability to implement cost reductions and manufacturing optimization improvements in Huntsman businesses, and other financial, economic, competitive, environmental, political, legal, regulatory and technological factors. The company assumes no obligation to provide revisions to any forward-looking statements should circumstances change, except as otherwise required by applicable laws.