

Press Release

SABIC Innovative Plastics' Flexible Noryl* Resin Leads Pack as One of the First Halogen-Free, UL 62 Certified Materials for AC Power Cords

BERGEN OP ZOOM, The Netherlands – November 5, 2009 – SABIC Innovative Plastics' flame-retardant (FR) Flexible Noryl* resin has achieved a major milestone as one of the first non-halogenated materials to be used in AC power cords meeting stringent Underwriters Laboratories (UL) 62 TPE 90 °C and 105 °C safety standards. Available in three specialized grades for different AC power cord configurations, the new material provides outstanding FR performance that meets global environmental regulations and delivers excellent flexibility with a high-quality surface finish. SABIC Innovative Plastics' Flexible Noryl resin is a premier product technology developed to help wire and cable customers achieve their environmental sustainability goals, differentiate their products, and create reliable, high-performance power cord solutions.

“Global demand for environmental stewardship is especially strong in the electrical and electronics industry where global OEMs are pushing AC power cord manufacturers to deliver top-performing products that are highly efficient, cost effective, safe and compliant with increasingly tough requirements for PVC, phthalate, and halogen-free cable systems,” said Cathleen Hess, Noryl resin product marketing director, SABIC Innovative Plastics. “We focused our world-class technological expertise on developing our Flexible Noryl resin grades that can meet these requirements and deliver the insulation and jacketing performance our customers need to stay ahead of regulatory changes and remove barriers to worldwide growth.”

Supporting Flexible Noryl resin cable's UL 62 TPE 90 °C and 105 °C certification, Flexible Noryl resin has been successfully proven in the Japanese market in AC power cords meeting Den-An-Ho legal requirements. SABIC Innovative Plastics is currently working with customers to achieve certification under the European Union's VDE HD 21.14 standard.

Customer Successes with Flexible Noryl Resin

I-Sheng, a Taiwan wire and cable manufacturer, recently applied for the UL 62 90 °C and 105 °C certificates for several types of AC power cords. Mr. Bob Wang, executive vice president for I-Sheng, said, “We have been successfully using Flexible Noryl resins for AC power cords in Japan for some time. Based on our excellent experience with these materials, we expect great results from the United States as well. These high-performance materials give us a strong competitive advantage across multiple market segments to help our clients achieve their manufacturing and environmental sustainability goals.”

Foxconn, also based in Taiwan, is a major supplier to the computer, communication and consumer (3C) electronics industries. “Foxconn is a longstanding user of Flexible Noryl resin for USB cable and hook up wiring, and we've been impressed by its robust, non-halogen FR performance,” said Mr. Caesar Chen, senior vice president of Foxconn Group.

“We are very pleased that Flexible Noryl resin meets all of our AC power cord requirements so we can give our customers the support they need to create high-end products that also address environmental concerns. It is a major win for everyone involved.”

Three Specialty Materials for AC Power Cords

The three Flexible Noryl resin grades are designed to meet the specific requirements of different AC power cord configurations:

- With a 79 Shore A hardness, is engineered for jacketing of NISPE, SVE and SJE cords. It offers excellent resistance to heat deformation and tensile elongation. To ensure a high-quality jacket surface, the material does not migrate.
- With a Shore A hardness of 85, and is designed for SPE power cord jacketing. It also offers non-migration and outstanding mechanical and heat performance.
- For AC power cord insulation has a Shore A hardness of 91. It is suitable for all configurations, and offers the same performance benefits as the other two grades.

For additional information on SABIC Innovative Plastics' Flexible Noryl resin, please go to www.sabic-ip.com.

About SABIC Innovative Plastics

SABIC Innovative Plastics is a leading, global supplier of engineering thermoplastics with a 75-year history of breakthrough solutions that solve its customers' most pressing challenges. Today, SABIC Innovative Plastics is a multi-billion-dollar company with operations in more than 35 countries and approximately 9,000 employees worldwide. The company continues to lead the plastics industry with customer collaboration and continued investments in new polymer technologies, global application development, process technologies, and environmentally responsible solutions that serve diverse markets such as automotive, electronics, building & construction, transportation, and healthcare. The company's extensive product portfolio includes thermoplastic resins, coatings, specialty compounds, film, and sheet. SABIC Innovative Plastics (www.sabic-ip.com) is a wholly owned subsidiary of Saudi Basic Industries Corporation (SABIC), one of the world's top five petrochemicals manufacturers.

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Media Note: The proper name of the company is SABIC Innovative Plastics, and excludes any abbreviations or variations when referring to the company. As an acronym, SABIC should be all caps whenever it appears in print.

Photo Caption

SABIC Innovative Plastics' Flexible Noryl* Resin Leads Pack as One of the First Halogen-Free, UL 62 Certified Materials for AC Power Cords



Photos

Left: Foxconn Cable Made With SABIC Innovative Plastics' Flexible Noryl* Resin

Right: I-Sheng Power Cord Made With SABIC Innovative Plastics' Flexible Noryl* Resin

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