January 9, 2019

News Release

Idemitsu Kosan Co.,Ltd.

Idemitsu to exhibit engineering plastics that contribute to improving automotive safety at the 11th Automotive World exhibition

Idemitsu Kosan Co.,Ltd. (Head Office: Chiyoda-ku, Tokyo; Representative Director and CEO: Shunichi Kito; hereinafter, "Idemitsu") will exhibit high-performance plastics that contribute to improving automotive safety at the 11th Automotive World exhibition, to be held Wednesday, January 16 through Friday, January 18.

Demands for automotive environmental and safety performance have been increasing in recent years, and there are increasing needs for lighter-weight vehicles to help reduce carbon-dioxide emissions as well as automotive wiring suited to self-driving technologies.

Idemitsu's engineering plastics utilized in the automotive industry include syndiotactic polystyrene (SPS; marketed under the XAREC™ brand), which we were first in the world to synthesize in 1985. It is used in automotive electronic components such as PCB connectors, high-voltage components, and millimeter-wave radar systems). In addition, our polycarbonate (PC; marketed under the TARFLON™ brand) is used in daytime running lights, which help prevent accidents by making vehicles more visible to pedestrians during the daytime.

In this exhibition, Idemitsu will exhibit its materials that help make vehicles safer, centered on these two engineering plastics.

Overview

Name of exhibition: **11th Automotive World/9th Automotive Lightweight Technology Expo**
http://www.automotiveworld.jp/

Date and time: **Wednesday, January 16 – Friday, January 18, 10:00 am - 6:00 pm (5:00 pm on January 18)**

Venue: **Tokyo Big Sight**

Access: **http://www.bigsight.jp/access/transportation/**

Organizer: **Reed Exhibitions Japan Ltd.**

Admission: **Free (attendees must register) http://www.automotiveworld.jp/To-Visit/Merit/**

Idemitsu's booth no.: **East Hall 7, E74-120**

Content of exhibits:

- **XAREC SPS resin for high-voltage/high-frequency applications**
- **Low-density, highly heat- and shock-resistant GF-SPS compound materials**
  Long glass-fiber reinforced syndiotactic polystyrene
- **Optical-grade TARFLON for on-board display and lighting applications**
- **TARFLON Neo for interior and body parts**
- **TARFLON™ high-strength, highly transparent GF-PC compound material**
  Highly transparent resin material made using low-cost short glass-fiber reinforced resin compounding technologies

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