

## Denka Expands Sales of New Functional Resin Denka IP<sup>®</sup>: IPX Series

Denka Company Limited (headquarters: Chuo-ku, Tokyo; president: Manabu Yamamoto; hereinafter “Denka”) hereby announces that it has expanded sales of the Denka IPX Series, a new grade of the Denka IP<sup>®</sup> \*<sup>1</sup> ABS heat resistance modifier as part of the growth strategy formulated in its Denka Value-Up management plan to specialize its key operations in a bid to shift its business portfolio.

The IPX series is a heat resistance modifier featuring enhanced performance capabilities such as improved chemical resistance and coatability, in addition to high-level heat resistance and low-level VOC<sup>2</sup> which are the characteristics of Denka IP<sup>®</sup>. Denka succeeded in making these enhancements by advancing its own styrene-based controlled polymerization technologies that it has nurtured over many years in the polymer resin design process.

In recent years, the automobile industry has seen the range of components that it uses becoming more complex or lighter due to the toughening of safety standards as well as the popularization of hybrid and electric vehicles. In line with such trends, with respect to resins used for different types of components, there is growing demand for multi-functional and/or highly functional materials with properties such as heat resistance, chemical resistance and coatability. Denka has developed the IPX Series to be materials that respond broadly to such advanced demand, in particular to applications for automotive interior/exterior components. Denka has already established an IPX Series mass production system at the Chiba Plant (Ichihara, Chiba) and plans to achieve annual sales of 4,000 tons in 2022.

Denka will continue to leverage its proprietary technologies and work on the development of high value-added products to satisfy customer needs.



< Denka IP<sup>®</sup>: IPX Series >



<Conceptual image of a product for which the IPX series would be used>

\*1 Denka IP®

Synthetic styrene resin developed through Denka's unique polymerization technology that is used widely for automobile interior/exterior components and home appliances such as microwave ovens and air conditioners as a heat resistance modifier for ABS and ASA resins and a compatibilizing agent for PA/ABS.

\*Denka IP is a registered trademark of Denka Company Limited.

\*2 VOC (Volatile Organic Compounds)

Volatile organic compounds

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