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## **Zeon Launches Full-Scale Promotion of New, Highly Durable Multi-Material Adhesives**

Zeon Corporation

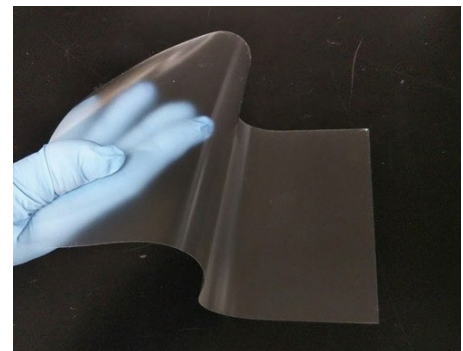
Zeon Corporation (Zeon; head office: Chiyoda-ku, Tokyo; President and CEO: Kimiaki Tanaka), has launched the full-scale promotion of its new and highly durable multi-material adhesives. These adhesives are an indispensable material and technology for next-generation mobility, capable of joining dissimilar materials for reduced weight and easy to peel off by applying heat, to facilitate sorting and recycling. A product page (<https://www.zeon.co.jp/en/rd/product/adhesive/>) was published to Zeon's website in May.

Zeon is guided by its corporate philosophy of "contributing to the preservation of the Earth and the prosperity of the human race," and in keeping with its name, derived from the Greek words "geo" (Earth) and "eon" (eternity), Zeon will contribute to a "Sustainable Earth" and "Safe and Comfortable Life for People" by providing original technologies, products, and services.

Zeon's launch of the promotion of the adhesives for CASE and MaaS\* is one of the four key areas\* emphasized in its Medium-Term Business Plan, which lays out the company's strategies up to 2030. The main features and representative applications of the adhesives are summarized below.

### **Main features of the new multi-material adhesives**

- (1) Multi-material adhesion: capable of joining various dissimilar materials
- (2) Excellent water resistance: low water absorption, no hydrolysis
- (3) Excellent electrical corrosion resistance: outstanding insulation properties
- (4) Excellent impact resistance: flexible and high elongation
- (5) Easy disassembly: outstanding recyclability



### **Representative applications of the new multi-material adhesives**

Structural adhesive and semi-structural adhesive for mobility, E-motor insulation film, and high-frequency substrates

\*CASE: Connected, Autonomous, Shared & Services, and Electric

MaaS: Mobility as a Service

\*The other three key areas are healthcare and life sciences, telecommunications (5G and 6G), and energy conservation.

For more information, contact:

Department of Corporate Communication, Corporate Sustainability Division, Zeon Corporation

Phone: +81-3-3216-2747