

August 8, 2023
Dexerials Corporation

**Three Products Obtained the Largest Share of the Global Market for Four Successive Years:
Anisotropic Conductive Film, Anti-reflection Film Produced Using Sputtering Technology, and Optical
Elastic Resin**

- According to Fuji Chimera Research Institute, Inc.'s
“Current Status and Future Outlook for Display-related Markets 2023” -

Dexerials Corporation (Headquarters: Shimotsuke-shi, Tochigi; Representative Director and President: Yoshihisa Shinya; hereinafter, Dexerials), which provides leading-edge technologies, materials and devices for smartphones, automobiles, and other products, announces that three of its products have obtained the largest shares of their global markets. According to the “Current Status and Future Outlook for Display-related Markets 2023” market research report issued by Fuji Chimera Research Institute, Inc. (Headquarters: Chuo-ku, Tokyo; Representative Director and President: Kazushi Tanaka; hereinafter, “Fuji Chimera”) in July 2023, three products manufactured and sold by Dexerials—Anisotropic Conductive Film (ACF), Anti-reflection film produced using sputtering technology*¹, and Optical elastic resin (SVR)—have obtained the largest shares in their respective global markets*². All three products have achieved the top market shares in their global markets for four successive years*³.

*1 A membrane formation technology. The technology squirts argon gas onto a sputtering target in a vacuum so the propelled atoms and molecules adhere to the base material for lamination. It is also used in the manufacturing of semiconductors, etc.

*2 Market value share in 2022

*3 Actual results for 2019 through 2022.

■ **Market Overview Including Market Shares**

According to the above Fuji Chimera survey report, the sales revenue-based market shares of the Anisotropic Conductive Film (ACF), Anti-reflection film produced using sputtering technology and Optical elastic resin (SVR) in 2022 are as follows:

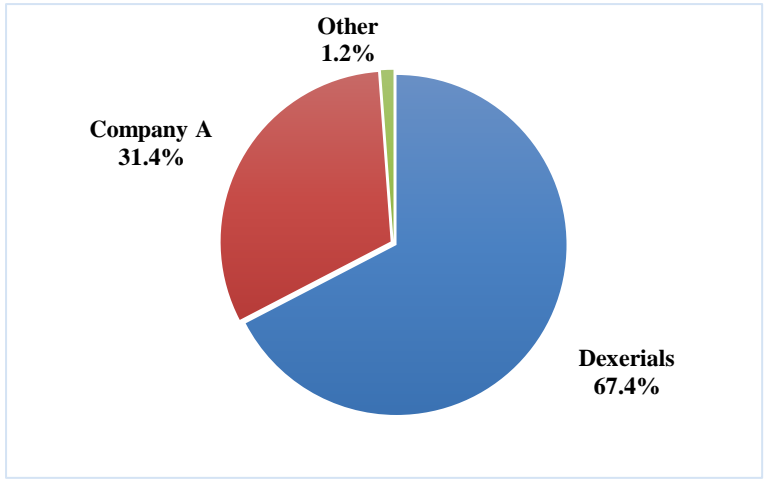
Anisotropic Conductive Film (ACF)

Market category in the survey report: ACF*⁴

Our share of the global market: 67.4%

*⁴ Total ACFs for larger, medium and smaller sizes.





-Anisotropic Conductive Film (ACF):

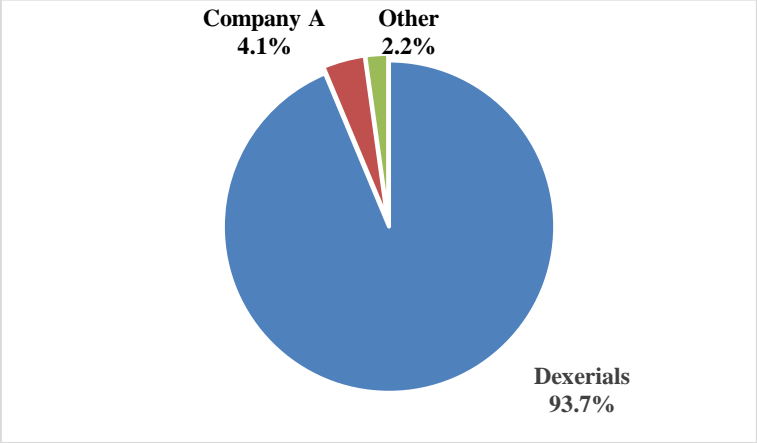
Film type adhesive material that is essential for bonding IC chips and other electronic parts on circuit boards to form a circuit. It has conductive particles dispersed in a thermosetting resin, fulfills the three functions of adhesion, connection, and insulation when applied using heat and pressure, and is capable of being a connector for the opposed terminal while insulating adjacent terminals from one another.

Dexerials' Anisotropic Conductive Film (ACF) is commonly used in mounting IC chips for displays and camera or sensor modules. Recently, we have launched Particle-arrayed Anisotropic Conductive Film (ACF), in which conductive particles are arranged in arrays in intended positions using a proprietary technology, large-diameter Particle-arrayed Anisotropic Conductive Film and other innovative products for use in high-end products which call for highly reliable connections. These products are leading to the continued expansion of the ACF business.

Anti-reflection film produced using sputtering technology

Market category in the survey report: Surface treatment film (dry coat)

Our share of the global market: 93.7%



-Anti-reflection film produced using sputtering technology:

When attached to the top surface of a display, the film reduces the reflectance of light to realize a beautiful, high visibility display. Using sputtering technology, the film forms an anti-reflection layer of metal oxide film to achieve high durability and superior anti-reflection performance.

Dexerials has established a system for efficiently producing rolls of film-type products while ensuring product quality, by adopting a proprietary roll-to-roll sputtering system. Our anti-reflection film is widely used in laptops and automotive displays. In particular, the size of automotive displays is increasing globally and demand will continue to grow.

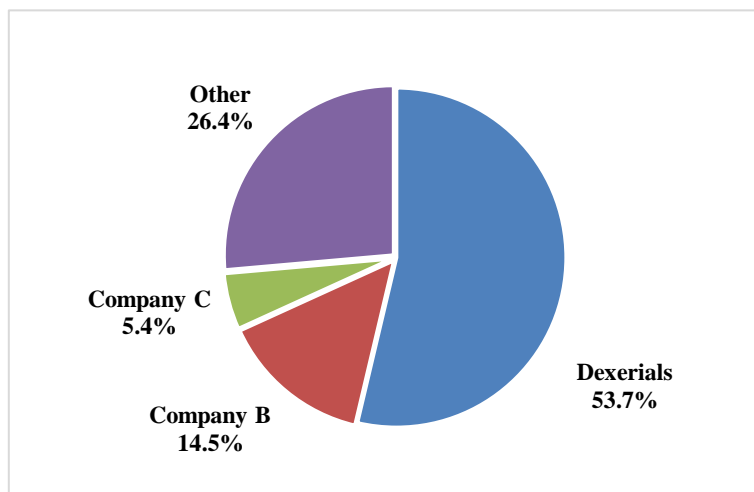
Optical elastic resin (SVR)

Market category in the survey report: OCR*⁵

Our share of the global market: 53.7%

*⁵ Optical Clear Resin. A collective name for transparent liquid adhesives used to laminate the insides of displays.

Optical elastic resin (SVR) is the registered trademark of our optical clear resin.



-Optical elastic resin (SVR):

A liquid adhesive to fill air gap with display panel indication area and a top plate. Since it has optical characteristics similar to glass, it can minimize the reflectance of outside lights on the boundary face of the top plate and the dispersion of internal light to improve the visibility of the display.

Our optical elastic resin (SVR) is widely used in the displays of smartphones, tablet PCs, and automobiles.

About Dexerials Corporation <https://www.dexerials.jp/en/>

Dexerials Corporation is a manufacturer providing functional materials for use in smartphones, automobiles and other domains in accordance with its corporate vision, Value Matters - Unprecedented innovation, unprecedented value. On a global scale, Dexerials Corporation manufactures and markets anisotropic conductive film (ACF), optical elastic resin (SVR), anti-reflection film, surface mounted type fuses, industrial adhesives, double- and single-sided tapes and other electronic parts, junction materials, optical materials, and many other materials.