

NEWS RELEASE

**Teijin's Sereebo® CF RTP Adopted for
Panasonic's New Digital 4K Video Cameras**

Tokyo, Japan, March 19, 2020 --- [Teijin Limited](#) announced today that its Sereebo® carbon fiber reinforced thermoplastic (CF RTP) has been selected for use in [Panasonic Corporation](#)'s newly launched digital 4K video cameras, the HC-X2000 and HC-X1500.

A version of Sereebo® developed for injection molding, which uses Teijin's polycarbonate resin *Panlite*® as the matrix, has been adopted for the handle unit and top cover of both cameras. Sereebo®, the world's first CF RTP for mass production, significantly reduces molding time to enhance production efficiency.



The HC-X2000 and HC-X1500 video cameras both offer 4K60p/10-bit videography for professional applications including television broadcasting. The HC-X2000, which is about 40% smaller and some 15% lighter than conventional models, combines excellent mobility with a robust 4 hours and 35 minutes of continuous shooting.

While camera chassis and bodies are typically made with plastics reinforced with chopped carbon fibers for strength and reduced weight, short fibers cannot fully realize the strength and other unique features of longer carbon fibers. Sereebo® incorporates Teijin's original resin-composition formulating technology for added strength, weight reduction and flame retardance. Also, its surfaces are extra smooth and Teijin's superior resin-processing technologies eliminate carbon-fiber bosses (protrusions). Panasonic, recognizing these superior properties of Sereebo®, collaborated with Teijin to jointly develop high-function components for its two new 4K video cameras.

Teijin is accelerating its development of mass-production applications for *Sereebo*[®], including in precision equipment and consumer electronics that require both strength and reduced weight. In the coming future, Teijin expects to strengthen its position as a global leader in composite solutions.

About the Teijin Group

Teijin (TSE: 3401) is a technology-driven global group offering advanced solutions in the areas of environmental value; safety, security and disaster mitigation; and demographic change and increased health consciousness. Its main fields of operation are high-performance fibers such as aramid, carbon fibers & composites, healthcare, films, resin & plastic processing, polyester fibers, products converting and IT. The group has over 170 companies and around 20,000 employees spread out over 20 countries worldwide. It posted consolidated sales of JPY888.6 billion (USD 8.1 billion) and total assets of JPY 1,020.7 billion (USD 9.3 billion) in the fiscal year ending March 31, 2019.

Press Contact

Corporate Communications

Teijin Limited

pr@teijin.co.jp