

Impeller for Ultra high-speed rotation



Enhanced Durability

Minimum deformation at very fast rotation
($> 100,000\text{rpm}$) without distorting fan blades



40% Weight Reduction

vs. Steel



Cost Reduction & Improved Productivity



Design Freedom

by injection moulding VICTREX PEEK
vs. machining metal



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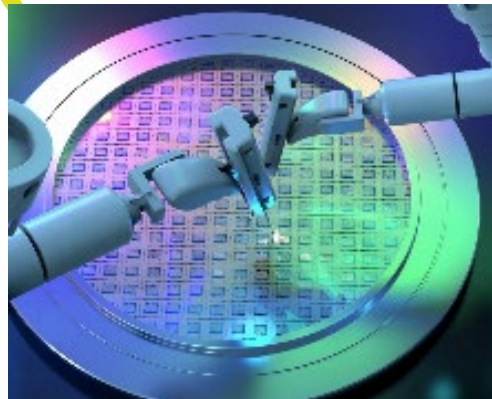
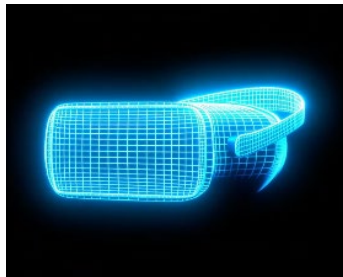




VICTREX™ PEEK SOLUTIONS FOR **ELECTRONICS APPLICATIONS**

Real Change Starts from the Inside

*Let's rewrite the limits of internal stressed-
parts in electronics applications*



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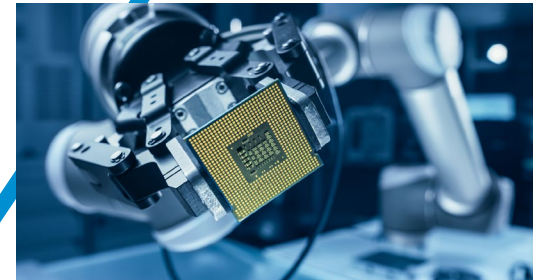
When internal parts and components are required to satisfy a combination of complex engineering requirements, Victrex polymers are the material of choice.

PEEK polymer's design freedom lets you unlock a series of benefits that include connectivity, comfort, performance and safety no matter your specific industry.

Our unparalleled experience also extends to improving semi-con manufacturing productivity in ways you may never have imagined possible.

Let our expertise help you push the boundaries of next-gen electronics.

Let's make change.



**VIEW
PROPERTIES
& BENEFITS**





The many strengths of PEEK under stress.

A unique combination of VICTREX™ PEEK properties for Electronics Applications



DESIGN FREEDOM

Enable parts and function integration for easier assembly and cost reduction



ACOUSTIC PERFORMANCE

APTIV DBX™ films enhance user experience through acoustic performance with reproducible F0 whilst minimizing THD



LIGHTER IS MORE

Weight reduction through metal replacement brings enhanced user comfort for mobile devices, improved energy efficiency and longer battery life



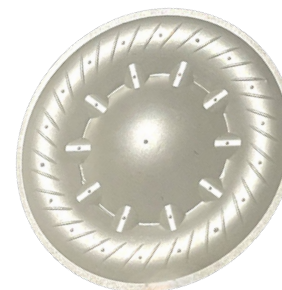
STABILITY & PURITY

Capable to fit with clean environment of Semicon fab with low outgas and particle generation, stability against aggressive chemicals help achieving targeted throughput



DURABLE FOR SPEED

Proven track record of performance with high-speed motor >100,000 rpm



View Electronics Video ▶

