

MAKE IT DURABLE MAKE IT ULTEM™ RESIN



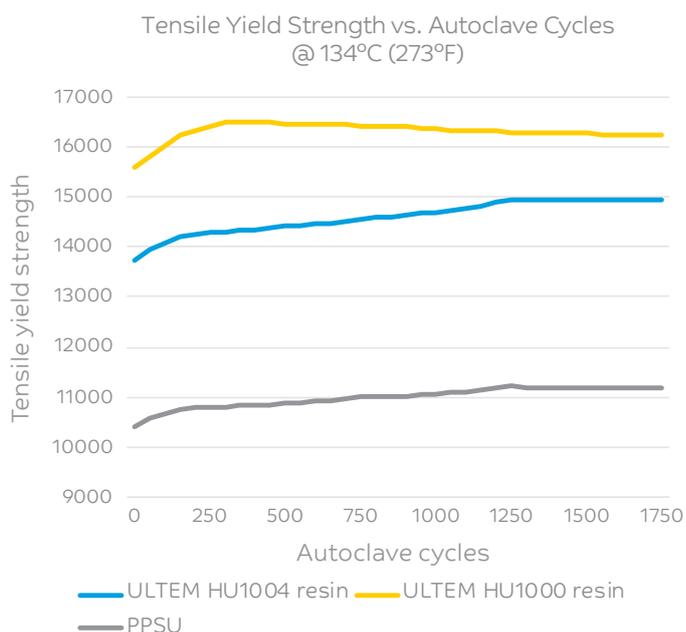
Precision medical devices require material solutions that are both high strength and robust enough to survive a variety of harsh chemical environments and sterilization techniques.

ULTEM HU resin’s resistance against healthcare disinfectants can help to prevent part failure and avoid costly premature replacements. Plus, ULTEM HU resins are compatible with many mainstream sterilization methods.

ULTEM resin can maintain its physical appearance and mechanical performance after extended sterilization cycles, contributing to a longer life for medical devices.

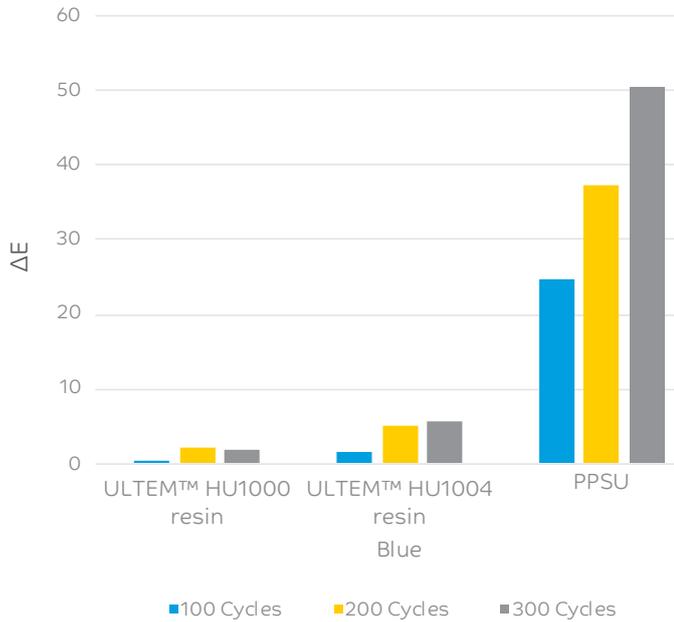
DURABLE STRENGTH RETENTION FOR ENHANCED ROBUSTNESS

The chart shows that ULTEM HU1000 resin is more than 30% stronger than PPSU, even after extended cycles of steam autoclave sterilization.



DURABLE COLOR RETENTION:

Delta E color change measurements after multiple STERRAD NX sterilization cycles



Color change after 300 STERRAD NX sterilization cycles



ULTEM HU1000 and HU1004 resins show minimal color change while the PPSU color deteriorates to a dark greenish hue and embrittles after 300 sterilization cycles. ULTEM resin can help your parts maintain their color and aesthetics even after repeated sterilization cycles.

Ready to learn more about how you could benefit from ULTEM resins for your applications? Contact us today for our 16-page, data-packed [make it POSSIBLE | make it ULTEM resin brochure](#).

CONTACT INFORMATION

SABIC SPECIALTIES BUSINESS

AMERICAS

E: Specialties.Americas@sabic-hpp.com
T: +1 800 845 0600

ASIA PACIFIC

E: Specialties.Asia@sabic-hpp.com
T: +86 400 833 1033

EUROPE

E: Specialties.EMEA@sabic-hpp.com
T: +36 1 288 3040



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MEDICAL DEVICES

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