

MEDICAL STERILIZATION TRAYS - ULTEM™ RESIN

Sterilization methods have the potential to degrade medical devices over time, diminishing their mechanical integrity, interfering with performance, or altering aesthetics. The EPA ruling on the monitoring of EtO sterilization emissions is on the horizon. Give your customers peace of mind with a material solution that is stable across a multitude of sterilization methods and repeated cycles.

SABIC VALUE PROPOSITION

	HEAT & HYDROLYTIC STABILITY		CHEMICAL RESISTANCE		MULTI-STERILIZATION COMPATIBILITY
	TRANSPARENCY FOR TOOL IDENTIFICATION		IMPACT RESISTANCE		AGENCY APPROVALS: USP CLASS VI, ISO 10993

SABIC Grade	Application
ULTEM™ HU 1000	Surgical instrument components, Diagnostic device housings Sterilizable trays & handles, Dental device parts, Pharmaceutical processing components
ULTEM™ HU1004	Transparent medical housings, Reusable sterilizable parts, Fluid-handling components, Medical covers & trays
ULTEM™ HU1010	Medical device components, Pharmaceutical equipment parts, High-precision housings, Repeated-sterilization reusable devices



- Vaporized Hydrogen Peroxide gas plasma (VHP) >300 cycles
- Steam autoclave at 134°C >1000 cycles
- Gamma radiation, electron beam, and X-ray
- Ethylene Oxide (EtO)
- Ultraviolet C (UV-C) 5 kJ/cm2 dose

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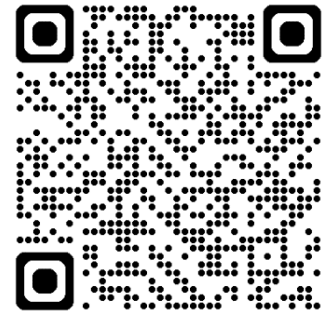
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