

An Excellent Material Alternative for Medical Applications that is Transparent, Cost-effective, and Tough

First, do you know SMMA resins?

Styrene-acrylic copolymers (SMMA) are intermediate resins between PMMA and styrenics. SMMA resins offer practical toughness and are a good choice for applications used in every day life.

Cost-attractiveness,
processing convenience of
styrenics

High aesthetic
quality of
acrylics



Cost-competitive transparent SMMA resin with gorgeous and glossy surface

What is CET®?

CET® is an enhanced range of SMMA, with the addition of butadiene. Compared to PC, CET® provides better resistance to:

- Scratches
- Sterilization (ethylene oxide included)
- Gamma radiations

What are the other advantages of CET®?



Great Aesthetics

Crystal-clear transparency 92.1% light transmittance

Regulatory Approvals:

FDA and EU compliant
USP Class
VI BPA free



Easy Processing

No pre-drying required
Lower energy consumption vs. PC



Impact Resistance

Fluid resin to lower the internal tension

Lower risks of cracks under chemicals aggressions

Why should you consider CET® for medical applications?

CET® is a very good material option for medical goods and devices thanks its resistance to sterilization methods: you can expect no yellowing or degradation when exposed to gamma and EtO

It represents a good alternative to polycarbonate and can be used to develop syringes, aspiration package, drips, fluids bottles, security valves, and more.

What medical applications do you see for CET? Talk with our CET experts today!



**Resirene CET For
Medical Applications**