



## STAR PLASTICS OFFERS RELIABLE ALTERNATIVE TO ABS FR

**TAKE  
ADVANTAGE  
OF:**

### Are You Looking Beyond Antimony, Tariffs, and Extended Lead Times?

With rising costs and supply chain issues surrounding anti-mony, manufacturers are seeking safer, more stable alternatives to traditional flame retardants in ABS. At Star, we offer a smarter solution: our flame retardant PC/ABS alloy.

#### Why Choose Star's FR PC/ABS?

- Antimony-Free: Reduce dependency on volatile markets and price movement
- Excellent flame retardancy: UL 94 V-0 & 5VA @ 3.0mm
- Improved Processability: Smooth, consistent molding
- Enhanced Mechanical Properties: Superior impact strength and durability
- Don't settle for compromise. Star's flame retardant PC/ABS delivers performance, reliability, and peace of mind.

**ORION**  
ENGINEERING RESINS

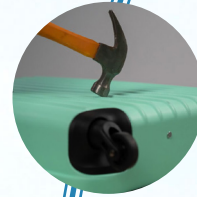
### Avoid These Issues with FR ABS:

- Group 2B product by the International Agency for Research on Cancer as a carcinogen.
- More abrasive to tooling than FR PC/ABS
- Yellowing over time
- Not biodegradable and can accumulate in soil in water
- Antimony is not biodegradable and can accumulate in soil and water.

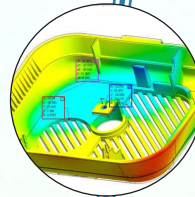
**reNOVA**  
RECYCLED RESINS



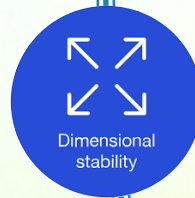
Higher heat resistance (HDT)



Better impact resistance



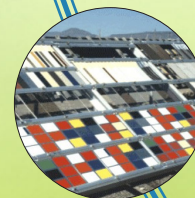
Lower shrink coming out of the tool



More dimensionally stable



Enhanced chemical resistance



Superior UV resistance



Similar specific gravity

**Contact [Sales@StarPlastics.com](mailto:Sales@StarPlastics.com) or  
Call 304.273.0352 for more information**