

Flame Retardant Resin

Resin | LCD

Self-extinguishing UL 94 V-0 resin for parts with fire requirements.

A self-extinguishing resin rated UL 94 V-0, so a flame goes out once the source is removed. It is stiff and resists creep, which suits interior panels, electrical enclosures and fixtures that must meet fire rules.

Mechanical properties

Impact strength	22 J/m
Tensile strength	38 MPa
Elongation at break	9.4%
Heat deflection temp	94 °C

Typical applications

- Aircraft and rail interior parts
- Electrical enclosures
- Consumer-electronics housings
- Medical-device housings
- Industrial fixtures
- Cable and connector covers

Maximum part size

200 × 125 × 210mm (larger parts can be split and joined)

Available finishes

Brass threaded inserts · Electroplated · Sanded smooth · Split and bonded · Spray painted, gloss · Spray painted, matte · Spray painted, metallic · Spray painted, soft-touch · Tapped threads · UV clear coat

Values are indicative and depend on part geometry, build orientation and post-processing. For project-specific requirements contact info@3dexperts.me. Instant price: 3dexperts.me/quote