



LM106c is Now ISO10993 Certified

Liquidmetal's amorphous alloy LM106c has recently undergone several ISO-10993 biocompatibility tests. This rigorous process confirmed the material's suitability for minimally invasive medical devices. Imagine what increased precision, strength, hardness and corrosion-resistance will mean for your next medical innovation.

| TEST | RESULT |
|---|--|
| ISO 10993 | |
| Cytotoxicity | Pass (Non-cytotoxic) |
| Sensitization | Pass (Non-sensitizing) |
| Irritation or Intracutaneous Reactivity | Pass (Non-irritating) |
| Systemic Toxicity (acute) | Pass (Non-systemic-toxic) |
| <ul style="list-style-type: none"> • Material Mediated Pyrogenicity Test • Acute Systemic Toxicity Test, 2 Extracts | <ul style="list-style-type: none"> • Pass • Pass |
| Nickel Release | |
| As-molded | Pass |
| Blasted and Passivated | Pass |

Out-of-the-mold Advantages

- Increase part strength, hardness and corrosion resistance right out of the mold
- Improve device safety and durability
- Avoid costly heat-treating and coating

Achieve Complex Shapes

- Mold in a single step
- Eliminate expensive machining
- Combine multiple parts into one

Unparalleled Precision

- Improve device assembly and function
- Plastic over-molding with improved shut-offs and reduced flash
- More precise than MIM and stamping processes