



gūru is a two-part rapid prototyping/tooling material capable of producing high-quality molds in less than 24 hours.

FEATURES

- Cost savings up to 50% on comparable tooling applications
- Dimensionally stable with low exotherm
- 24-hour tooling solution for prototype molds, light production molds, plugs and trim fixtures

APPLICATIONS

- Master Molds
- Splash Molding
- Infusion Molds
- Vacuum Forming
- Rout & Trim Fixtures
- Tool Repair/Modifications

TECHNICAL SPECIFICATIONS

| Handling Characteristics at 70°F                        |  |
|---|--|
| Mix Ratio (parts by weight)                             | 100 Part A/ 36 Part B                  |
| Density (mixed)   | 100 lbs/CuFT                           |
| Work Life (without accelerant)                          | 30-45 minutes                          |
| Demold Time   | 4-6 hours                              |
| Complete Cure (at room temperature)                     | 24 hours or 6 hours at 200°F post cure |
| Color: Part A   | White                                  |
| Color: Part B   | Blue                                   |
| Color When Mixed  | Gray                                   |
| Shelf Life: Part A (stored in closed container at 70°F) | 1 year                                 |
| Shelf Life: Part B (stored in closed container at 70°F) | 6 months                               |

PHYSICAL PROPERTIES

| Test                         | Ambient Temperature    |
|------------------------------|------------------------|
| Tensile Strength At Break    | 1500 PSI               |
| Elongation At Break          | 0.095%                 |
| Modulus of Elasticity        | 2.38 x 10 <sup>6</sup> |
| Maximum Compressive Strength | 9540 PSI               |
| Impact Strength (Izod)       | 0.44 (ft-lb/in)        |
| Hardness                     | 89.9 (Shore D)         |
| Vicat Softening Point        | 545°F                  |
| Shear Force                  | 1360 LBF               |
| Shear Strength               | 3460 PSI               |
| Linear Shrink                | -0.35%                 |
| Thermal Conductivity         | 0.48 (W-m-1-K-1)       |

gūru is protected by one or more patents and pending patent applications. For more information, visit [soulcomposites.com/patents](http://soulcomposites.com/patents)

