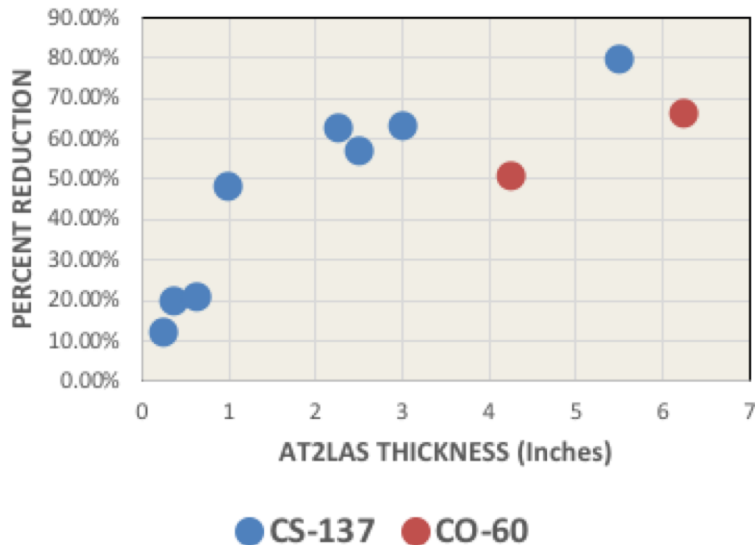




AT²LAS[®] RESIN

- **WHAT IT IS:** High Strength Ceramic/Metal Impregnated Epoxy Resin
- **ORIGINAL USE:** High Temperature Aerospace Tooling
- **REPAIRABLE:** Field System Restores Core Properties

RADIATION SHIELDING



Weight: (102. lb/cf) 60% - aluminum 20% - Invar Steel 15% - lead	Thermal Conductivity: Aluminum -.75 W/m-k Ceramic - .13 W/m-k
Density: 10.68 ppg	Flammability: Fire Resistant
Compressive Yield: 18,000 psi	Flexural Modulus @ 72°F: .42 x 106 psi
Coefficient of Thermal Exp: 24.1 x 10 ⁻⁶ in/in °F	Hardness, Shore "D" @ 72 °F: 90
Tensile Strength: 7,200 psi	Tensile Elongation @ break: 2.7%
Chemical and Oil Sensitivity: None	Flexural Strength @ 72°F: 12,700 psi
Corrosion: Non- Corroding	Max Operating Temperature: 425 °F
Electical Conductivity: None	UV Sensitivity: None