TECHNICAL DATA SHEET

CATEGORY: **ALLOY**
NAME: **ECONOSOL**

FEATURES

- High Purity
- Melting Temperature: 227-300°C
- Complies with the Canadian Plumbing and Boiler Codes
- Complies with the Canadian Lead-Free Solder Standard
- Complies with the United States Environmental Protection Agency's January 2014 Lead-Free Safe Drinking Water Act

DESCRIPTION

AIM's Econosol is comprised of 97% Tin & 3% Copper and has a melting temperature range of 227°C - 300°C (440°F - 572°F). This solder is typically used for copper plumbing joints. Econosol is available in solid wire and bar.

MAJOR ALLOY INGREDIENTS IN PERCENT

Cu	Sn
3%	Balance

TENSILE STRENGTH

Ultimate Tensile Strength (MPa)	Ultimate Tensile Strength (psi)
71.5	10370

HANDLING

- If this alloy is used in water soluble cored wire, the product will have a shelf life of 3 years. All other cored wire, solid wire, and bar solder products have an indefinite shelf life.
- Consult the MSDS for specific handling procedures.

FLUX COMPATIBILITY

- Econosol is compatible with most grades of fluxes.

CLEANING

- Refer to data sheets provided by the flux manufacturer.

SAFETY

- Use with adequate ventilation and proper personal protective equipment.
- Refer to the accompanying Material Safety Data Sheet for any specific emergency information.
- Do not dispose of any hazardous materials in non-approved containers.

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