



## News Release

### PMX Introduces New Silver-Colored Copper Alloy 66913

**PMX Industries has developed a less expensive copper alloy with outstanding properties that can be substituted for expensive copper nickel and nickel-silver alloys.**

Cedar Rapids, IA, October 30, 2012 – A new copper alloy from PMX Industries offers manufacturers the opportunity to reduce the cost of finished parts and products that are normally produced from expensive copper nickel and nickel-silver alloys. Alloy 66913 is a high-strength modified manganese bronze alloy that utilizes various alloying elements to produce a silver-colored material with more strength, lower density, and reduced metal value.

Alloy 66913 is a less expensive alternative to higher metal value nickel alloys such as 70600, 71000 and 75200. The reduced density and excellent bend performance of alloy 66913 means a manufacturer will get more parts per pound of material and will be able to achieve better part lay-out than with standard nickel alloys. Alloy 66913 will produce six to nine percent more parts per pound than copper nickel or nickel-silver alloys. Better part lay-out results in better scrap rates.

As the cost of nickel continues to increase, having a less expensive material such as alloy 66913 enables manufacturers to be more competitive and to control the final cost of the parts and products they produce. Depending on the nickel alloy that a manufacturer is currently using, switching to alloy 66913 can reduce the cost of raw material by at least 10% and possibly up to 30%. Alloy 66913 can be used for terminals, fuse components, key stock, flatware, tokens, coins, and condensers. It's also ideal for products that need to have a silver color.

Available in strip, coil, sheet, plate, bar, tube, wire, and cast forms, alloy 66913 offers product developers a unique combination of properties including excellent corrosion resistance, outstanding formability, and good electrical and thermal conductivity. Alloy 66913 is also immune to stress corrosion cracking and is RoHS compliant. A wide range of thicknesses, dimensions, and tempers are available. Easily machined, alloy 66913 can be soldered, brazed, welded, and cast.

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As with all PMX copper alloys, alloy 66913 is produced in a sustainable manner and contains between 35% and 100% of recycled content. All of our scrap is recovered, recycled, and reused. No hazardous metals such as lead, mercury, arsenic, cadmium, or hexavalent chromium are used in producing any of our materials. With an emphasis on research and development, we are unmatched in our ability to develop customized alloys to meet the needs of our customers.

For more information on alloy 66913, please visit [www.ipmx.com](http://www.ipmx.com) or call 800-531-5268.

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**About PMX Industries**

Located in Cedar Rapids, IA, PMX Industries produces a wide range of copper and brass alloys, MicroGuard antimicrobial copper alloys, and EcoCopper™ green building materials. Visit [www.ipmx.com](http://www.ipmx.com) for more information.