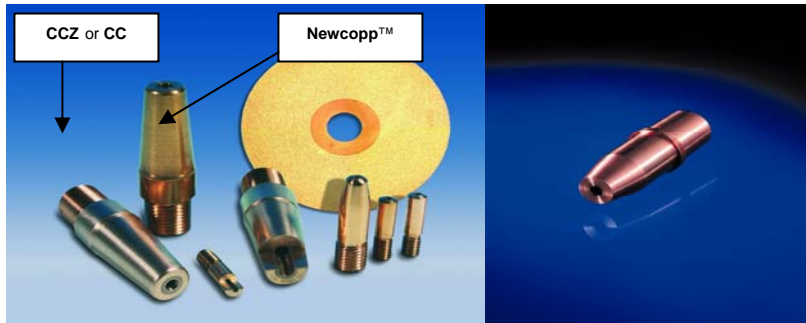




NEWCOPP™ APPLICATIONS



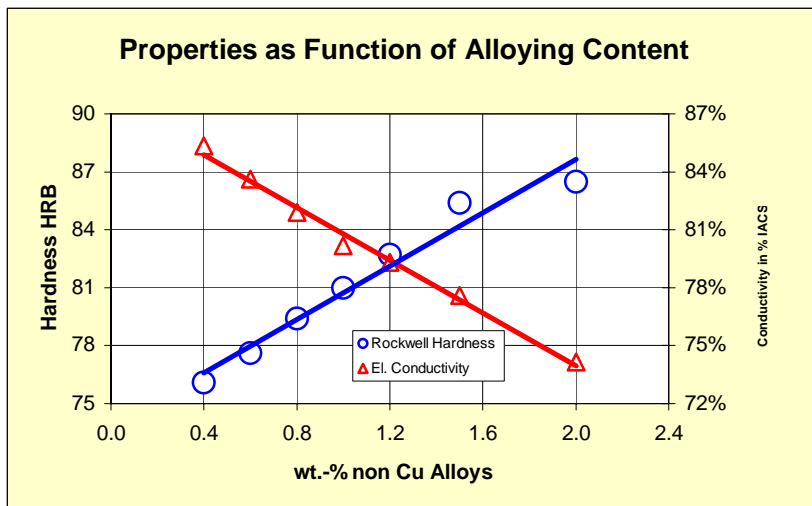
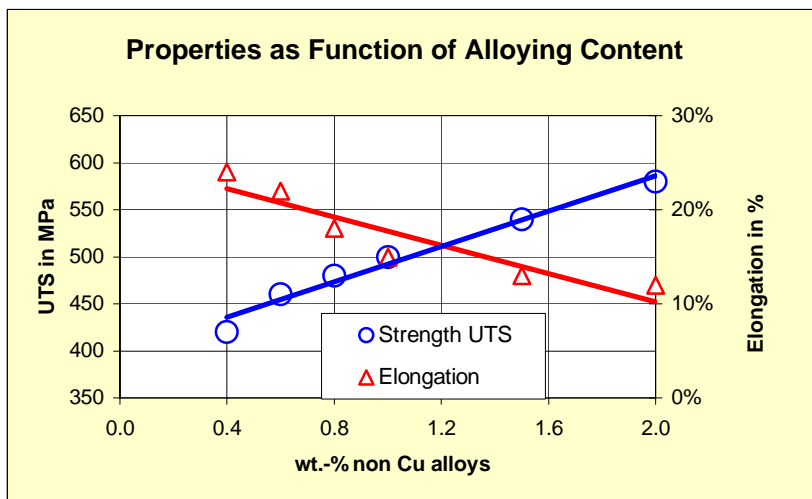
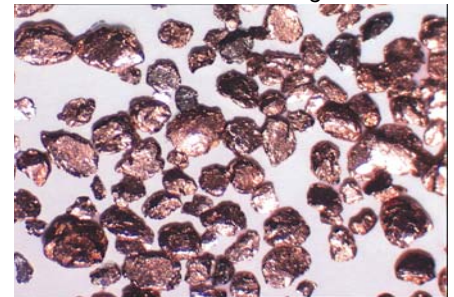
Newcopp™ copper lasts longer than traditional copper alloys in applications where heat and pressure are high.

Such an application is in arc welding nozzles, diffusers and tips where the critical internal diameter of the diffuser or tip will maintain its dimensions longer with Newcopp™ – giving longer life, less down time, and more consistent and accurate welds, time after time.

As a further benefit, Huys can **co-extrude** Newcopp™ with regular copper alloys, there reducing the cost of the alloy, yet still maintaining the extraordinary characteristics of Newcopp™.

Choose Newcopp™ when resistance to annealing, high strength, and high electrical and thermal conductivity are required.

The graphs at left show the flexibility, strength, overall hardness and conductivity of the various grades of Newcopp™ available from .4% to 2.0% of alloying agents. Below are flakes of the super saturated alloy elements prior to extrusion and cold working.

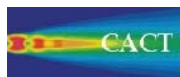


Huys Industries gratefully acknowledges the financial assistance and technical insights of:



National Research Council Canada

Conseil national de recherches Canada



Centre for Advanced Coating Technologies
Centre pour l'Application de Couches

For more information, call 1-416-747-1611 or e-mail us at sales@HuysIndustries.com