

AI-0730

Description and Applications

Chromium carbide nickel-chromium pellets are made from very fine chromium carbide and nickel-chromium powders, which have been well blended and ball milled. The powder is pelletized to the required mesh size and sintered. The resultant pellets exhibit an excellent combination of hardness, strength and wear resistance.

Applications include: Typical applications include: hardfacing oilfield tools, hardfacing mining tools, hardfacing tool joints, and hardfacing drill collars.

Mechanical Properties of Weldmetal

The bulk density of this material is approximately half that of tungsten carbide-cobalt pellet material or of crushed sintered tungsten carbide-cobalt scrap, resulting in twice the surface area coverage. Additionally, a superior metallurgical bond is obtained coupled with a more uniform distribution of pellets throughout the weld deposit.

Available Sizes

10/20 mesh

14/24 mesh

20/30 mesh

Other sizes available on request

Packaging

Standard containers - 50lbs, 25lbs and 5lbs.

Standard carton for 5lb containers - 25lbs.

Disclaimer

All figures in this datasheet should be considered indicative only. No guarantee is made as to their accuracy.

All figures subject to change without notice. Batch analysis is available for all products sold. Should you require any further information, please contact us at sales@alloysint.com.au

