

AI-0712TC

Description and Applications

Crushed Sintered Tungsten Carbide Cobalt is made from very fine tungsten carbide and cobalt powders which have been thoroughly blended and ball milled. The powder is sintered and crushed to the required mesh size. The resultant particles exhibit an excellent combination of hardness, strength and wear resistance.

Applications include: Hardfacing oilfield tools, hardfacing mining tools, hardbanding tool joints, and hardbanding drill collars.

Typical Weldmetal Analysis

Cobalt	Tungsten Carbide
7%	93%

Mechanical Properties of Weldmetal

	As Welded
Abrasion Resistance	Excellent
Impact Resistance	Excellent
Particle Shape	Fragmented
Hardness	88 Ra Min

Available Sizes

Standard Sieve Sizes: 10/20, 30/40, 14/24, 35/70 & 20/30.

Other sizes are available upon request.

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

