



Manufacturers of Custom Welding Lines for Resale
www.selectrode.com

SELECTRODE 4910

Nickel Base Grindable
Cold Spray Powder

FEATURES & APPLICATIONS

Our code 4910, is a Nickel base alloy powder having Chromium, Boron, and Silicon elements for hard wear resistance and also resistance to cavitation. It is used as a general purpose build-up powder and used as a corrosion resistant material.

Specially formulated "2 Step" metallizing powders for all low temperature powder spray torches

- Special "inert gas atomized" powder for ultimate cleanliness.
- Particle size distribution designed to eliminate fuming.
- Designed to perform well through most applicators available.

TYPICAL PROPERTIES

Nominal Chemistry	Cr 10% , B 2.5% , Si 1.5% , Al 1.0% , Ni Balance Particle Size: -120+325 mesh (106+45um)
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Melting Temperature:	1850°F (1010°C)
Coating Hardness	RC 32-39
Coating Density	7.06 g/cc
Application:	Worn-out or mis-machined parts Soft bearing surfaces

Code 4910 coatings can be finished by dry grinding with a toolpost grinder.