



Manufacturers of Custom Welding Lines for Resale  
[www.selectrode.com](http://www.selectrode.com)

**SELECTRODE**

**3710**

**1 Step Hard Grindable Powder**

## FEATURES & APPLICATIONS

Our 3710 powder is a Nickel, Chromium, Molybdenum, Aluminum powder made by a proprietary process. It is a self bonding one-step material and bonds to clean metal surfaces without the necessity of a separate bondcoat. It produces hard, high wear resistant type coatings which withstand corrosion and oxidation.

"One Step" powders are specially manufactured to combine a bonding mechanism into each powder particle

- Proprietary "One Step" design eliminates the need for bond coat application.
- Balanced particle distribution maximizes spray efficiency and minimizes fuming.

## TYPICAL PROPERTIES

<b>Nominal Chemistry</b>	<b>Al 7.5% , Cr 8.5% , Mo .5% , Si .2% , Bo .2% , Fe .2% , Ni Balance</b> <b>Particle Size: -120+325 mesh</b>
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Melting Temperature:	2450°F (1343°C)
Coating Hardness	RC 30
Coating Density	7.1 g/cc
Application	Bearing journals, cylinder liners, pump seals, worn out machine parts

3710 powder coatings are finished by grinding with aluminum oxide or silicon carbide wheels only. Wet grinding is recommended.