

Coating : Colmonoy 88 – N570

Colmonoy 88 or N570 is a Nickel based self-fluxing alloy which precipitates a network of very fine carbides and borides upon cooling. The high Carbon and Tungsten content of this alloy produces a very hard and wear resistant deposit, whilst chromium provides excellent corrosion performance.

Typical applications include:

Glass Mould Plungers
Valve seats,
Thermowells
Centrifuges
Plastics processing screws and barrels

Coating Properties

Hardness

900 Hv

Porosity:

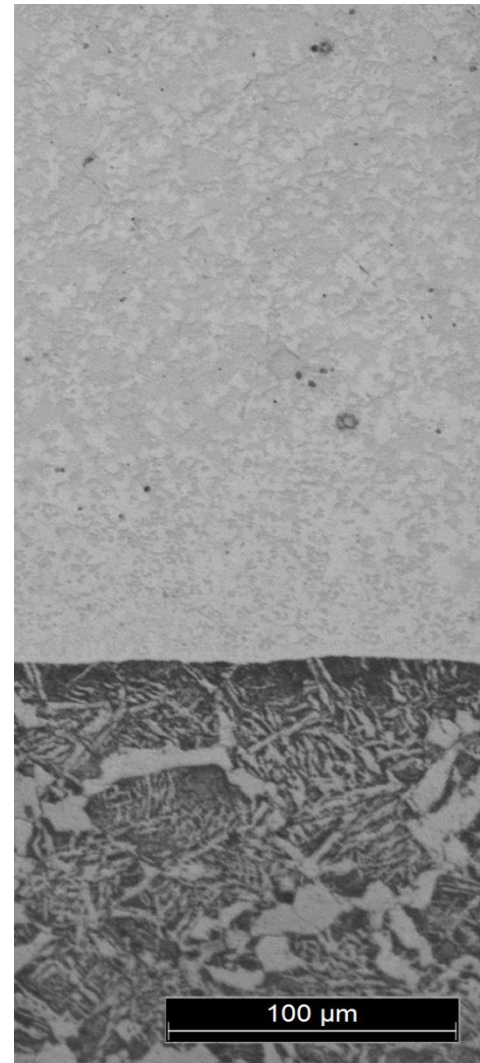
< .1%

Typical application rate

75 gm/min

Coverage

12 kg/m²/mm



Process Considerations

Preheat required to prevent cracking, dilution must be maintained at a minimum to retain the alloy's hardness.