

# HP Powders

**Hot Spray  
POWDERS**  
**620.630.680.688**

## **GENERAL CHARACTERISTICS**

A self fluxing alloy powder to be used with the Model 10 Powder Torch. When sprayed with torch it makes a metallurgical bond to all steels, cast iron, nickel, iron and cobalt base alloys. The deposit can be as thin or thick as needed. It has excellent bonding characteristics to base metal without dilution, and produces machinable deposits. Provides an excellent cushion layer for thick build up followed by hardfacing spray deposits.

Powder spraying would be used to fill casting defects, repair gouged or damaged surfaces, cracks, broken edges, etc. Excellent results for cast iron applications. Deposits can be fully machinable, filed, ground or polished to a shine. Provides excellent ductility and has a high wear resistance deposit for longer service life.

## **TYPICAL APPLICATIONS:**

Hydraulic Rams  
Cylinders  
Crank Cases  
Cams  
Keyways  
Motor Housings  
Gears & Sprockets

Cast iron molds  
Feed Rolls  
Shafts  
Tools  
Auto Parts

Screw Conveyors  
Blades  
Dies  
Augers  
Agricultural Parts

## • **Technical Data:**

Deposit Hardness:	#620	RB 90-95
	#630	Rc 38-42
	#680	Rc 58-62
	#688	Rc 68-72

