



HI-ALLOY ES-40

HOT PROCESS - METAL SPRAY POWDER

DESCRIPTION: Hi-Alloy ES-40 Hot Spray Powder is a nickel base alloy which may be used on steel, stainless steels, nickel alloys and cast iron. The deposited metal has good resistance to erosion, corrosion, abrasion, and impact. This product may be used for thin overlays or heavy buildup. It is tough yet machinable and may be polished to a highly precision finish.

TYPICAL APPLICATIONS: Bearing surfaces, camshaft journals, dies, diesel valves, feed rolls, molds, pump parts, valve plugs, and valve seats.

PROCEDURES: See the Model 7800 Hot Spray Powder Torch.

MELTING TEMPERATURE: 1925° F

HARDNESS: Rockwell C 35 - 40

COVERAGE ESTIMATE: 550 Grams to Cover 63 Square Inches 1/16" Thick