

AUFHAUSER Ni-76 is a nickel-chromium-silicon-boron brazing alloy. It provides excellent oxidation/corrosion resistance for brazing stainless steels, nickel, and cobalt alloys.

APPLICATION

Catalytic converters, brazed plate heat exchangers, fin and tube heat exchangers, exhaust gas recirculation coolers.

NOMINAL COMPOSITION, wt.%

Cr	Si	B	C	Ni
15.0	7.3	1.4	0.06 max	balance

PHYSICAL PROPERTIES

Solidus	1886°F (1030°C)
Liquidus	2058°F (1126°C)
Recommended brazing range	2183 - 2200°F (1195 - 1205°C)
Density	7.73 g/cm ³ (0.278 lb/in ³)

SPECIFICATIONS

AWS A5.8 BNi-5b

AVAILABLE FORMS

Powder, paste, foil, sintered wire (rope), brazing tape