



INCO Electrolytic Cobalt Rounds

INCO® Electrolytic Cobalt Rounds are a high-purity, primary form of the metal produced by electrowinning. The unique button-shape makes this product safe, convenient to handle and easy to transfer from drums.

INCO Electrolytic Cobalt Rounds are used wherever a high-purity form of cobalt is required; for example, in the production of cobalt-based superalloys. Cobalt is an important constituent of alloys with high-temperature oxidation and corrosion resistance properties and a critical component of a wide variety of magnetic alloys and hard metals.

INCO Electrolytic Cobalt Rounds are also used in the manufacture of cobalt-containing salts, such as cobalt sulfate and cobalt nitrate. Cobalt is often an important constituent of ceramics and related materials. INCO Electrolytic Cobalt Rounds are also used as anode material in plating baskets for electrodepositing pure cobalt and nickel-cobalt alloy coatings for a variety of applications.

The consistent purity and convenient form of INCO Electrolytic Cobalt Rounds are distinct advantages of this premium product.

Quality management systems for the production, packaging and marketing of INCO Electrolytic Cobalt Rounds have been registered and comply with the requirements of ISO Standard 9002-94.

Forms

Button-shaped pieces of electrolytic cobalt, about 35 mm (1.4 in.) diameter and about 5 mm (0.2 in.) thick.

Bulk Density

Approximately 3800 to 4200 kg/m³ (240 to 260 lb/ft³).

Typical Chemical Analysis (percent)

Cobalt	99.9	Nickel	0.095
Bismuth	<0.00002	Nitrogen	0.0004
Carbon	0.0025	Oxygen	0.005
Copper	0.0001	Selenium	<0.00002
Hydrogen	0.0002	Sulphur	0.0005
Iron	0.0004	Zinc	0.0008
Lead	0.0003		

Packaging

250 kg (551 lb) steel drums; 4 drums per pallet; strapped Net weight 1000 kg (2204 lb).

Standard Packaging



Drum Size

2.5 cu. ft. (0.07 cu. m)

Product weight

551 lb (250 kg)



Pallet Dimensions

34 in. x 34 in. x 28 in. high
(86 cm x 86 mm x 72 cm high)

Approx. gross weight

2285 lb (1037 kg)