



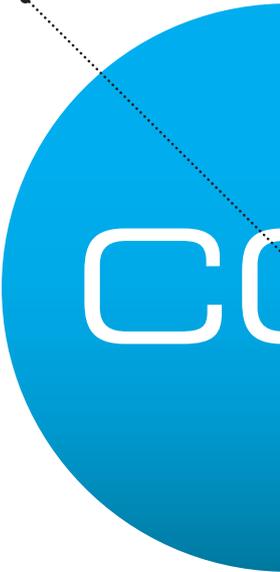
ZINC BALL ANODES



Experience & Expertise in Zinc Technology



Zinc is one of the least polluting metals for the environment and up to **80%** can be recycled.



Innovative, environmentally friendly production system of zinc ball anodes

Vertic Zinc Wire is globally known for upward continuous casting of zinc wire and rod. The production route is short since the cast product is already close to the final diameter. The new environmentally friendly zinc ball for zinc electroplating is manufactured from the cast zinc rod by compression after the casting process. The method is extremely efficient generating no scrap. The innovative combination of casting and compression process enables low energy consumption.



Product details

Diameter	30 mm	40 mm	50 mm
Weight	269 g	358 g	448 g
Packing unit	25 kg	25 kg	25 kg
Pallet	1 000 kg	1 000 kg	1 000 kg

Vertic zinc ball anodes contain less impurities. The amount of lead and cadmium are below suggested values. Logistical solutions are chosen to minimize the environmental impact. Zinc ball anodes are packed in 25 kg units and 1 000 kg pallets rationalizing the logistics.

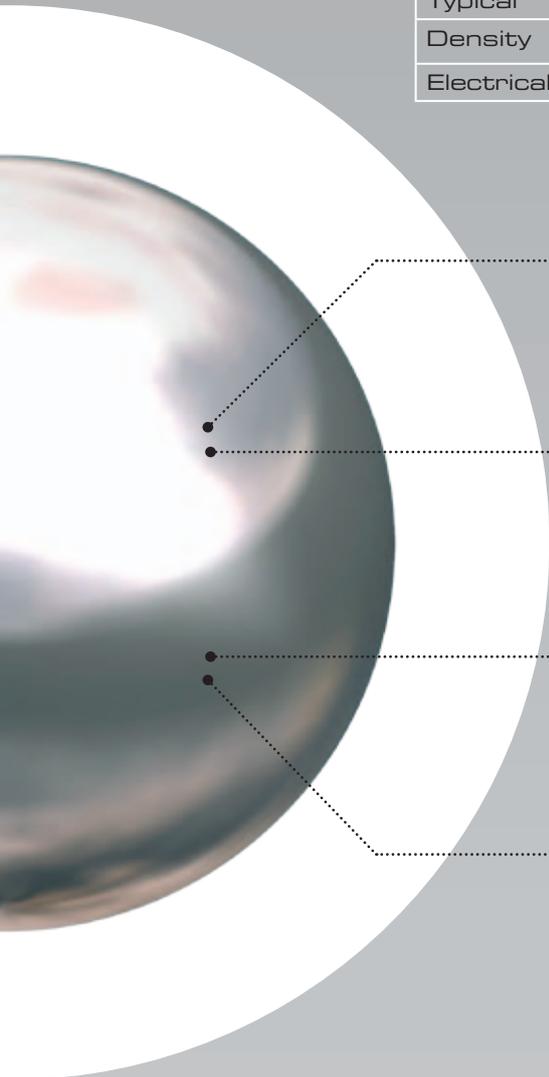




Using Vertic zinc ball anodes in zinc electroplating causes less impact on the environment since the amount of impurities is nearly zero.

Metallurgical Characteristics

	Pb	Cd	Fe	Sn	Cu
Nominal	< 0,003	< 0,003	< 0,002	< 0,001	< 0,001
Typical	0,0012	0,0002	0,0002	0,0001	0,0003
Density	7,14 g/cm ³				
Electrical conductivity	0,166 10 ⁶ /cm Ω				



Professional

- Vertic zinc ball anode is produced from zinc rod by compression. That guarantees the symmetric and dimensionally precise form of the ball. Furthermore, no releasing lubricants are needed in the process.

Pure

- Vertic Zinc Wire accepts only Special High Grade Zinc +99,995 % virgin ingots in production of zinc rod, which ensures the purest zinc ball anodes.

Environmental

- Since the amount of impurities is minimized less environmental impact is left from customer's process. The innovative combination of casting and compression process enables low energy consumption.

Optimal

- Vertic Zinc Wire is near you, in an optimal distance. Logistical solutions minimize the environmental impact.



Vertic Zinc Wire is a Finnish family-owned company exporting first class zinc wire, zinc rod and zinc ball anodes globally. Our zinc products are the purest and cleanest in the world. We offer our customers only the highest quality with low energy consumption and carbon footprint. Now in the second generation our expertise gained in metal manufacturing has enabled us to offer a range of zinc products leading to our continued growth and success.

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