

Address **Hebei Andy Mould Co., Ltd.**
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Country China (People's Republic)

PRODUCTS OR MACHINERY

Hebei Andy Mould Co., Ltd, is a professional glass moulds manufacturer, which incorporates mould designing, castings, researching & development, mould manufacturing, productions and sales together. The glass moulds products include Blow mould, Bottom plate, Blank mould, Baffle, Baffle insert, Neck ring, finished guide ring, Plunger, Cooler, Blow head, Funnel, Take out tongs, Take out tongs insert, Plunger's Adapter, etc, which are used for the production of glass bottle, glass jar and glassware.

Now, we would like to introduce our materials of the followings:

Type Name: **AD-01**: copper alloy: Main components: copper, aluminum, nickel; Casting hardness: 210-230 HB; Using secondary smelting process and ensure the stability of the material; Copper alloy material has good thermal fatigue resistance and has the characteristic of high-temperature dimensional stability; working life up to five times compared to the common cast iron casting. Mainly applicable for Neck ring, bottom plate and blow mould.

Type Name: **AD-02**: D-typed graphite cast iron. Adding such alloying elements as molybdenum, vanadium, titanium; Casting hardness: 150-170HB; Ferrite greater than 85% and pearlite less than 15%, which can increase the ability of resistance deformation; Tensile strength up to 290MPa and has good resistance to oxidation and thermal fatigue resistance.

Type Name: **AD-03**: compacted graphite cast iron alloy. Alloying elements are added into the casting; Casting hardness: 150-170 HB; The strength of cast iron is higher, good wear-resisting and good high impact toughness. Reasonable chemical composition, improving the casting yield Creep ratio greater than 80%, which can increase the working life of glass moulds.

Type Name: **AD-04**: heat-resistant ductile cast iron. Alloying elements are added into; casting hardness: 150-170HB. The characteristics of thermal conductivity is good, be enjoying high-temperature resistance capacity and good plasticity; Spheroidal graphite structure is greater than 85%; Using advanced smelting technology to ensure uniform spheroidal graphite morphology, which can ensure material stability in the course of running of bottle-making.

In addition, this company has strong capability in producing different customer-oriented mould castings (including the semi-finished castings), in accordance with specific requirements of customers.

Company Profile of Hebei Andy Mould Co., Ltd.

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