

Resin Sand Casting,China Resin Sand Casting, Resin Sand Casting Manufacturers、

1. Sand molds often use resin based chemical binders that possess high dimensional accuracy and high hardness.
2. Such resin-bonded sand molds take somewhat longer to manufacture than green sand molds because a curing reaction must take place for the binder to become effective and allow formation of the mold.
3. As in clay-bonded molds, the sand can often be recycled, although with some treatment to remove the resin.

Various high quality castings are made of gray iron, ductile iron, aluminum, steel, brass etc. Quality control checks are performed throughout the casting process form screening the raw material for stability the concentration of alloy and melted by the electric furnace. We analyze the chemical elements concentration of the alloy with spark spectrometer testing before casting? After casting and heat treatment we continue testing by metallurgical microstructure analysis, as well as checking tensile, impact strength and surface hardness by physical test and magnetic particle etc.