

# SOLID CAST

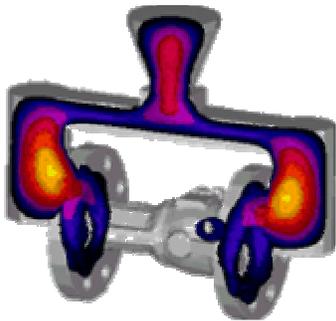
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## THE WORLD'S MOST POPULAR PC-BASED SOLIDIFICATION MODELING SYSTEM

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No other casting modeling program offers POWER, EASE OF USE and ACCURACY like **SOLIDCast®**

**SOLIDCast®** lets you see how your casting will solidify before you make pattern equipment, dies and costly mistakes. Pour your test castings on the computer, not on the foundry floor! Design gates, risers and test them out before making your first casting. Solidification modeling helps you to shorten lead times, produce higher quality and improve yield. All of this means lower costs, higher profits and improved marketability for your foundry.



**Investment Cast Steel Valve Body**

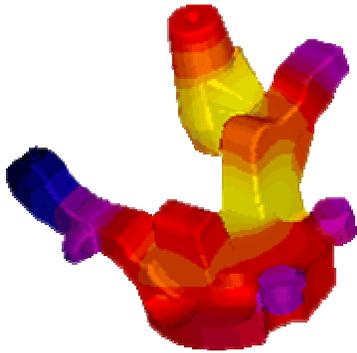
**SOLIDCast®** can be used to simulate castings poured in gray iron, ductile iron, steel, aluminum, copper-base, magnesium, nickel-based and almost any other alloy. A database of several hundred alloys, with their properties, is included.

With **SOLIDCast®** you can simulate processes such as green sand, chemically-bonded sand, investment and permanent mold. You can use sleeves (insulating or exothermic), chills, hot topping, cooling channels, heating elements and just about anything else that is used in the metal casting process.

**SOLIDCast®** now contains the new Riser Design Wizard and Gating Design Wizard. These tools allow you rig new castings in just a few

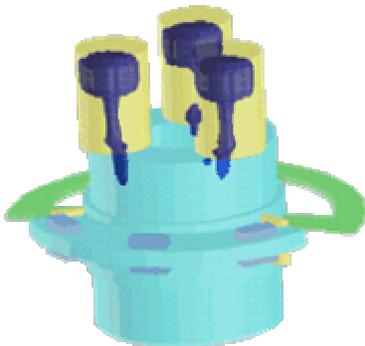
minutes from a 3D CAD model, using actual process data, not guesses based on simple geometry. Since casting alloy, mold material and actual process conditions are taken into account, there is no more accurate way to calculate gating and riser designs for castings.

With **SOLIDCast®** you can import 3D models from CAD, or build your own models without CAD.



### **Ductile Iron Steering Knuckle**

Graphics are the most sophisticated available, with fully movable 3D models, X-ray images, high-resolution color images and AVI video files. You can send movies to anyone with a Windows PC!



### **Under-Riser Shrink in Gray Iron Casting**

For more details contact [marketing@edstechnologies.com](mailto:marketing@edstechnologies.com)