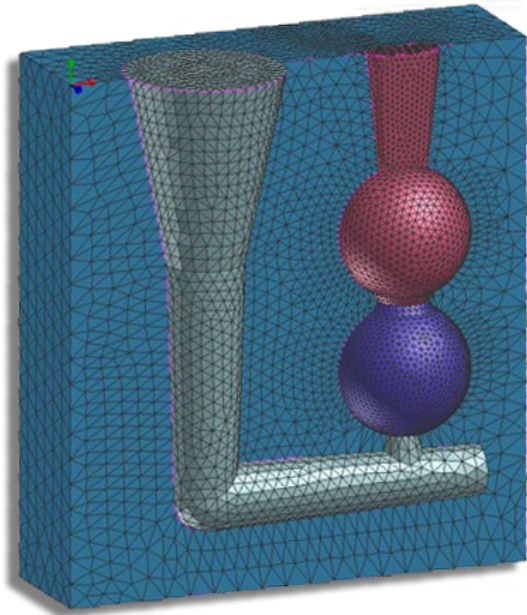




**LUXFER**  
MEL TECHNOLOGIES

## Solidification Modeling

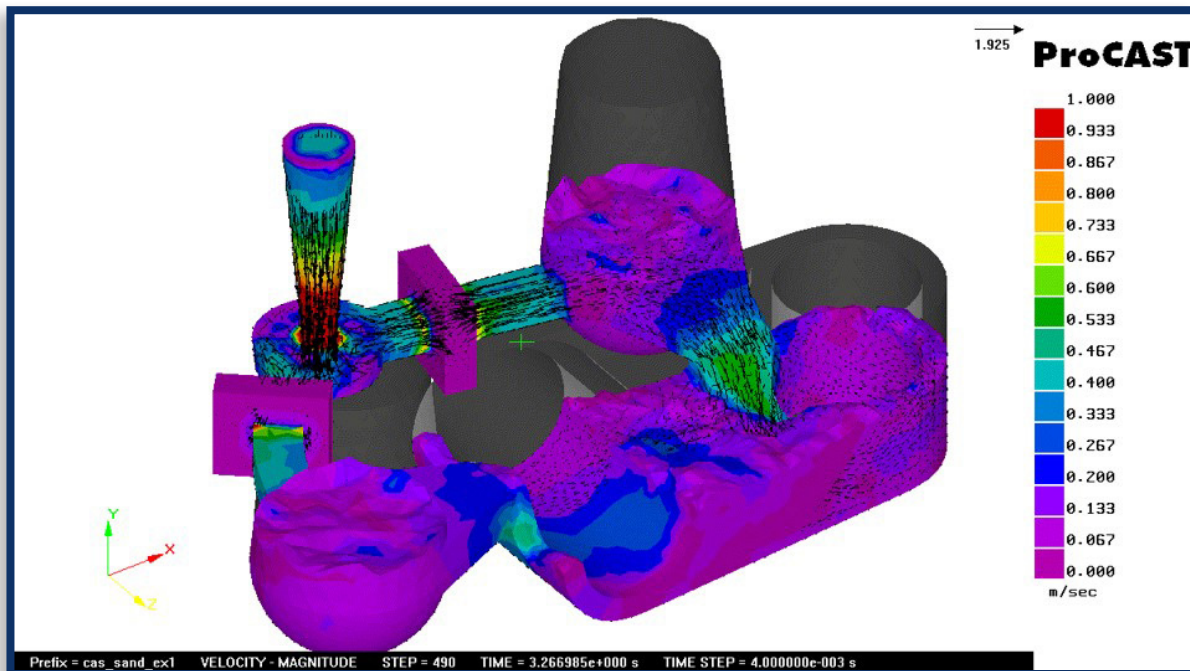
Solidification modeling can increase the speed of rapid prototyping and present an accurate depiction of the product before a test casting is even poured. *Significant* time from the traditional casting development cycle can be eliminated.



Luxfer MEL Technologies is equipped with the latest generation multicore software installed on our 40-Core computer. Our certified technician can quickly evaluate the producibility of new designs in our alloys.

Our process is ITAR compliant. Non Disclosure Agreements are utilized to keep proprietary knowledge and data protected. All information is stored through secure file data transfer.

Detailed reports, videos, and pictures portray how the metal flows through your gating and cast part.



# The Result:

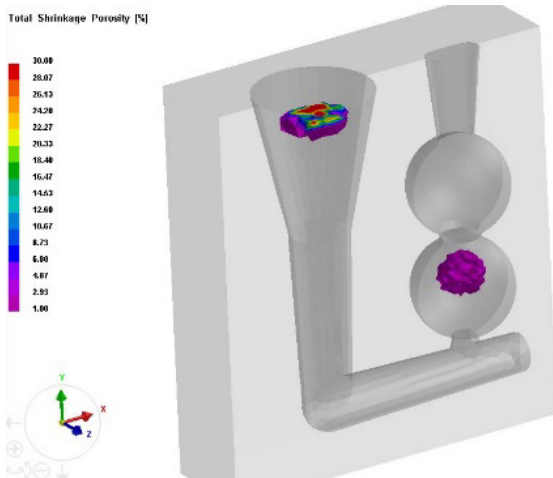
## Development time saved and qualifying costs reduced.

Models can be tweaked and rapidly rerun as we are equipped with 3D CAD design software and SolidWorks as well.

Utilizing the many views available from ProCast, a wide variety of reports can be generated, including the following:

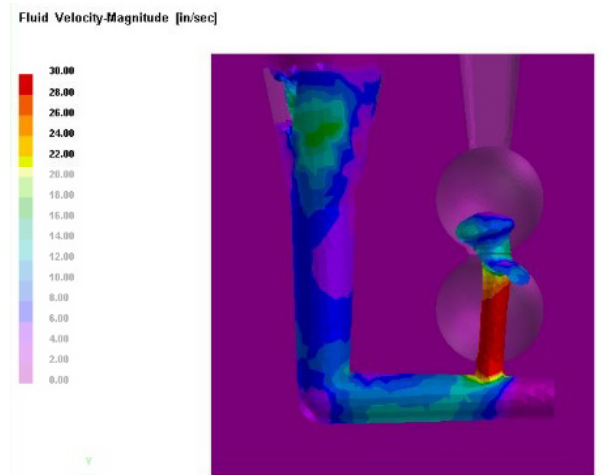


Make Cody your partner!



Shrinkage: in interior piping

Fluid Velocity: analyze turbulence in the gating and the casting



† The information contained within is a guideline only

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