

## Click2Cast 4.1 Release Notes

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This release includes mainly bug fixes, along with a few new features and new materials.

### **New Material Editor**

You can now:

- Add/modify new materials
- Control all properties and temperatures
- Import/export all material properties

### **Foundry Coatings**

Using this new tool, you can simulate the effect of foundry coatings between the part and the mold. You can easily define the coating based on type (insulating or conducting) and thickness.

### **Niyama Result**

The Niyama Criterion has been added to the solidification results. This value will help you detect solidification shrinkage defects in steel casting.

### **New Materials Added**

Steel:	GS24Mn4
Carbon Steel:	IRSR1993A
Stainless Steel:	A743CF20 SS304
Cast Iron:	ASTMA532IIB
Gold:	18K, 24K
Mold:	No Bake Sand Plaster of Paris
Core:	Chromite Sand