

TECH SPECS: 8025 BRASS

Alloy Name:	# 8025 Yellow Casting Brass
Description:	Fluid brass alloy for casting. Hard and good tarnish resistance with distinctive 14 K gold colour
Ingredients:	Silver, Zinc, Copper, Tin, Silicon, Indium
Color:	14K Yellow
Casting:	Melting can be done in any atmosphere – closed system is best. Casting temperatures should be about 1040°C (1904°F). Rule of thumb – once the metal becomes liquid, increase temperature by 38°C (100°F) and then cast.
Flask Temp:	540°C – 675°C depending on the size/thickness of the piece
Quench Time:	8 - 10 minutes after pouring or when button turns black.
Pickling:	Not recommended (may change the color of the metal)
Reusability:	Recommend 70% new, 30% recycled metal. You can use 50% new, 50% Re-cycled but castings will be darker. Higher casting temperatures will reduce quality of recycled metal castings. Re-graining is recommended. Recycled product must be <u>thoroughly</u> cleaned for best results. TIP: Similar sized pieces melt more quickly and consistently yielding better results.
Technical:	Please feel free to call if you have any technical questions or comments.