Powder/Water Ratio: 100:38-40

SRS

SETTING THE STANDARD

CADCAST

Investment Powder for CAD/CAM Rapid Prototype resin/wax piece casting

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for **Optimum Performance** and Shelf Life

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SRS SETTING THE STANDARD

Powder/Water Ratio: 100:38-40

CADCAST

Investment Powder for CAD/CAM Rapid Prototype resin/wax piece casting

CADCAST was developed by SRS - tried and tested by jewellery manufacturers worldwide. It is designed primarily for investing and burnout of CAD/CAM rapid prototype resin and resin/wax patterns.

CADCAST is an investment powder for CAD/CAM resin casting, offering the following benefits:

- Quality controlled raw materials, graded especially for resin/wax casting.
- CADCAST is formulated for higher strength, to withstand high resin expansion
- Designed to burnout at 1560°F/ 850°C to help burn off resin residues and ashes
- CADCAST provides smooth, clean casting surfaces which are not available with standard investment powders
- Smooth, creamy consistency during mixing and pouring, with easy removal in water after casting.

Caution: CADCAST under no circumstances should be used with, or allowed to be contaminated by, other investment powders. For consistent results, cleanliness is essential.

Powder/Water Ratio: 100:40

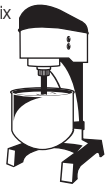
Conventional Mixing	Time (Mins)
Add Powder to Water	-
Hand Mix	1
Machine Mix	2
Vacuum Bowl	2
Pour Flasks	1
Vacuum Flasks	2
Total mixing time	8

1. Weigh powder and water

2. Always add powder to water

3. Mix by hand

4. Machine mix



5. Vacuum bowl

6. Pour flasks

7. Vacuum flasks

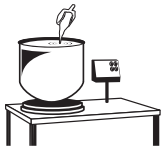
8. Allow to stand for 120 mins

Powder/Water Ratio: 100:38

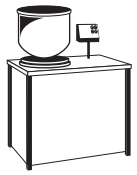
Vacuum Mixing	Time (Mins)
Add Powder to Water	-
Mix under Vacuum	1
Scrape Blades	1
Mix under Vacuum	3½
Pour Flasks	1½
Hold under Vacuum	1
Total mixing time	8

1. Weigh powder and water

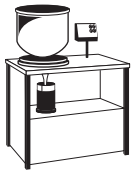
2. Always add powder to water



3. Mix under vacuum



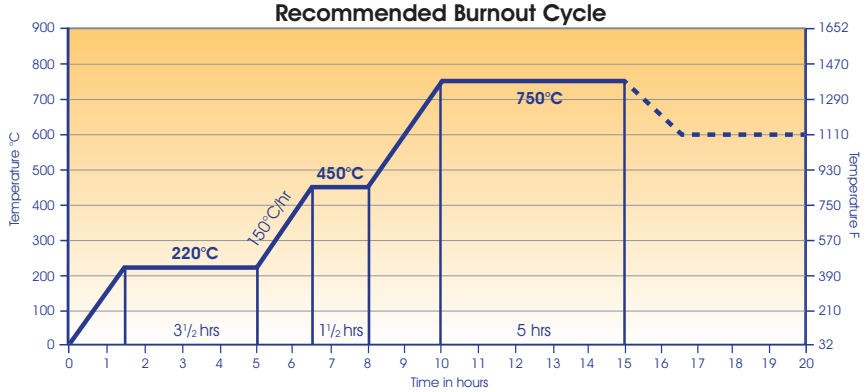
4. Pour flasks



5. Vacuum flasks

6. Allow to stand for 120 mins

Recommended Burnout Cycle



Do not burnout or steam de-wax flasks until a minimum of 120 minutes after investing. During this 120 minute period flasks should not be touched, this includes stripping bases and removing vacuum tape.

Do not load flasks into a hot furnace. Always follow the recommended burnout cycle and never place flasks closer than 15mm to elements. Always ensure you do not over or under load your furnace, as this will affect the burnout cycle.

Do not remove flasks from furnace to cast until they have been held at casting temperature for a minimum of 1 hour.

If held for less than 1 hour, the core of the flasks will be at a much higher temperature than the digital temperature display states, and may result in metal mould reaction.

Product Identifiers
Silica/Crystobalite
7631-86-9/14464-46-1

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ISO 9001

RECYCLABLE