AC 2265 Conductive Hot Mounting Resin

Introduction

AC2265 conductive hot mounting resin is an acrylic hot mounting compound filled with iron powder. It features excellent electrical conductivity and is ideal for mounting samples intended for electrolytic polishing.

Technical specifications

Suitable for hot mounting of metal samples for electrolytic polishing applications.

Product	AC-2265
Description	Hot mounting compound for electrolytic polishing
Appearance	Gray powder
Feature	Excellent electrical conductivity
Application	Hot mounting for electrolytic polishing of metallic materials
Heating Time	6-8 min
Cooling Time	7-10 min
Cooling Rate	Low
Pressure	150-300 bar
Heating Temperature	160-180°C
Hardness	85-90 Shore D

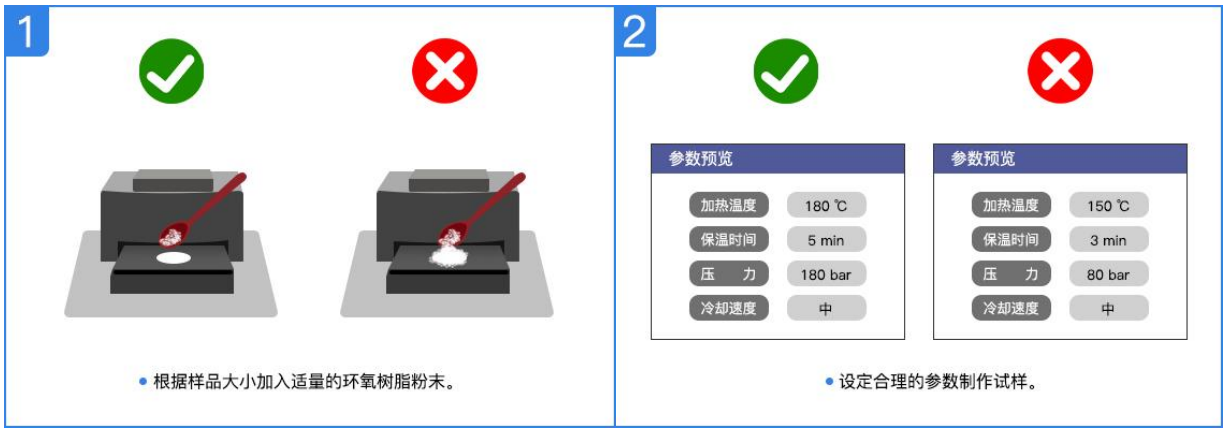
*The above parameters is base on Φ30mm mold.

Appearance

Gray powder.

Instructions for Use

1. Add an appropriate amount of mounting compound according to the sample size.
2. Set appropriate parameters to prepare the specimen.



Packaging Specifications

Powder Form	**1.0 kg / Bucket**	**4 kg / Bucket**	**20 kg / Bucket**

Precautions

1. It is recommended to spray release agent on the upper and lower anvils of the mounting press when necessary to prevent the specimen from sticking after hot mounting is completed.
2. The minimum distance between the mold cylinder wall and the specimen should be greater than 3mm to prevent cracking of the mount, especially for specimens with sharp corners.
3. For optimal bonding, it is best to clean, dry, and degrease the specimen before mounting.
4. The amount of mounting compound required depends on the volume of the specimen to be mounted; however, the mounted specimen height should be at least 15mm to facilitate subsequent grinding and polishing.
5. Use this mounting compound within its shelf life, and seal the container tightly after each use.

Storage

1. Store the hot mounting compound in a cool, well-ventilated area, away from direct sunlight.
2. Seal the container tightly after each use.