

M637C

Buried Electrode

Description

M637C is a pure platinum buried electrode. It fires to a dense internal layer, without mismatch, to a variety of co-fired multilayer structures. M637C is supplied with a clean burnout organic system, specifically formulated to reduce vertical delaminations.

Key Features

- Inert metal system

Typical Properties

Viscosity	62-68 Kcps, Brookfield RVT, SC4-14 spindle and 6R utility cup at 10 rpm, 25°C.
Solids	75.0 ± 1.0%
Alloy Ratio	100
Metal	Pt

Recommended Processing Guide

Printing Parameters	325 mesh screen, 1.1 mil wire. 0.5 mil emulsion.
Drying Temperature	120°C for 5 minutes
Process Temperature (TDS)	1320°C (maximum)
Recommended Thinner	RV-069

M637C

Buried Electrode

Warranty

Material guaranteed to meet specifications for 3 months from date of shipment.

Storage

Store in a dry location at 5°C-25°C.D0 NOT REFRIGERATE.Allow paste to come to room temperature prior to opening.Spatulate well before using, as settling may occur during storage.

Americas

Phone +1 610 825 6050

electronics.americas@heraeus.com

Asia Pacific

Phone +65 6571 7649

electronics.apac@heraeus.com

China

Phone +86 53 5815 9601

electronics.china@heraeus.com

Europe, Middle East and Africa

Phone +49 6181 35 4370

electronics.emea@heraeus.com

The descriptions and engineering data shown here have been compiled by Heraeus using commonly accepted procedures, in conjunction with modern testing equipment, and have been compiled as according to the latest factual knowledge in our possession. The information was up-to date on the date this document was printed (latest versions can always be supplied upon request). Although the data is considered accurate, we cannot guarantee accuracy, the results obtained from its use, or any patent infringement resulting from its use (unless this is contractually and explicitly agreed in writing, in advance). The data is supplied on the condition that the user shall conduct tests to determine materials suitability for particular application. The Heraeus logo and Heraeus, figurative mark are trademarks or registered trademarks of Heraeus Holding GmbH or its affiliates. All rights reserved.