

C8709P

Conductor

Description

C8709P is a screen printable, pure silver paste designed as a hole plug in alumina substrates. The high solids loading allows for excellent filling properties. C8709P has low shrinkage, which allows for a complete fill of the through hole.

Key Features

- High solids loading Low shrinkage For use in a print process



Typical Properties

Viscosity	300 – 650 kcps, Brookfield HBT, SC4-14 spindle & 6R utility cup @ 10 rpm, 25°C
Solids	89.3 ± 1.0%_x000D_
Resistivity	≤ 15 mΩ/□ at 25 µm fired film thickness

Recommended Processing Guide

Drying Temperature	150 °C for 15 minutes
Process Temperature (TDS)	850 °C peak temperature Dwell time of 8 – 12 minutes at peak_x000D_
Recommended Thinner	Heraeus RV-372

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Warranty

Material guaranteed to meet specifications for 3 months from date of manufacturing with proper storage.

Storage

Store in a dry location at 5 – 25°C. DO 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

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