

3256

Disc Termination

Description

3256 is a silver conductor paste designed for spray application of solderable electrodes onto a variety of electrical ceramic component devices. The fired film forms a highly adherent bond to many types of substrates, including piezoelectric transducers (PZTs), NTC thermistors, alumina, steatite and porcelain. The metalized electrode is solderable for external lead attachments.

Key Features

- Rheology suited for spraying Excellent solderability Compatible on piezoelectric transducers (PZTs), NTC thermistors, alumina, steatite and porcelain



Typical Properties

Viscosity	70 – 90 kcps Brookfield RVT, spindle #7 @ 20 rpm, 25°C
Resistivity	≤ 3.0 mΩ/sqat 25 µm fired film thicknes
Solderability	Sn62/Pb36/Ag2 at 230 °C2 – 3 seconds dip, RMA flux> 99% coverage

Recommended Processing Guide

Printing Parameters	Mixing For spraying, 3256 should be thinned with RV-909
Drying Temperature	Air dry for 10 minutes100 - 150 °C for an additional 10-15 minutes
Process Temperature (TDS)	725 – 850 °C peak temper- ature Dwell time 8 – 12 minutes at peak Cycle time of 45 – 60 min- utes Larger parts may require a longer firing profile_x000D_
Film Thickness	9 – 13 µm

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Recommended Processing Guide (continued)

Recommended Thinner

Heraeus RV-909

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Warranty

Material guaranteed to meet specifications for 6 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.

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