



Cerama-Dip 538

Description

Cerama-Dip 538 is an anorganic thixotropic 1-K coating.

Excellent for the insulation of electrical and electronic components such as heating coils, resistors and thermocouples.

Due to its good adhesion to metals and ceramics it is often used as a final sealant for electrical feedthroughs.

Cerama-Dip 538 can be applied drip-free by dipping or brushing.

A low curing temperature and the creation of hard and dense coatings with high temperature resistance characterize this adhesive.

Technical Data

Characteristics	Cerama-Dip 538
Main Components	Anorganic
Base	Zirkonia-silicate
Operating Temperature	+70 °C to +1370 °C
Dielectric Strength	225 volts/mil at 25 °C
Volume Resistivity	10 ⁹ Ohm/cm
Viscosity	35.000 cps
Solids by Weight	87 %
Application Temperature	10 – 32 °C
Joining Time	1 hour
Operating Time	1 hour
Colour after Curing	Grey
Spec. Weight	3.15 g/cm ³
Thinner	Thinner 538-T

Handling as Dip-Coating

- Stir contents well before use. Mix in Thinner 538-T to the desired consistency suitable for dipping.
- Dip the item in Cerama-Dip and slowly twist out to achieve an even coating.
- 1 hour air cure
- 1 hour heat cure at 90 °C
- 1 hour final cure at 175 °C.

Handling as End-Seal

- Stir contents well before use, for best results do not dilute.
- Apply with spatula, brush or spray. Shake (vibrate) gently to avoid air bubbles.
- 1 hour air cure
- 1 hour heat cure at 90° C
- 1 hour final cure at 175 °C.
- Cerama-Dip coatings can be made impermeable to water vapour using Aremco-Seal 529

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Wir haften nicht für Verarbeitungsergebnisse

Rechnungsanschrift	Kunden-Center + Lieferanschrift	Telefon	Telefax	e-mail
T-E-Klebertechnik H.-P. Thielgen Vahrenwalder Str. 131 30165 Hannover	Großer Kolonnenweg 3 30163 Hannover	Verkauf 0511/353982-0 Einkauf 0511/353982-11 Technik 0511/353982-31 Lohnarbeiten 0511/353982-12	0511-353982-40	infotek@t-e-klebertechnik.de
			UST-ID Nr.: DE 115640309	Internet www.t-e-klebertechnik.de

Erfüllungsort ist Sitz des Lieferanten. Die Ware bleibt bis zur restlosen Bezahlung Eigentum des Lieferanten. Es gelten unsere Geschäftsbedingungen