

Adelphi A-7793

A 7000 Series – Zero VOC

High Temperature, Chemical, Electrical & Moisture Resistant Adhesive

Highlights:

- Excellent Temperature Resistance up to 600F
- Excellent Dielectric Resistance
- Excellent Moisture Resistance
- Low Shrinkage
- Thin bond lines at 0.0005” lap shear strength have results of 2000 psi at 400F
- 0 VOC
- Easy to Handle

Uses:

- Bonding and Encapsulating Wound Wire Coils, Induction Coils
- Seals and Protects Cables Against Corrosion and High Heat
- Used to Bond Seal and Protect Thermocouples, Gauges, Electronic Components for Heaters, Ovens, Furnaces.

Liquid Properties:

Mix Ratio by weight	100A : 80B
Color	Amber
Mixed Viscosity @25C cps	1,600
VOC	0

Adelphi Materials LLC USA
Phone USA: 631-537-8390: 650-318-1717
FAX USA 631-537-8219
sales@adelphimaterials.com
www.adelphimaterials.com

Adelphi Materials, LLC INDIA
Ph: Direct +91-9998085244
kartik@adelphimaterials.com

Cured Properties: (Typical - not intended for specification purposes)

Hardness, Shore D	90 +/- 5
Tensile Strength, psi	10,000
Thermal Conductivity, BTU-in./Hr.Ft ² °F	4
Thermal Expansion, 10 ⁻⁵ /°C	5.40
Dielectric Strength, volts/mil.	500
Volume Resistivity, ohm-cm	10 ¹⁴
Heat Distortion, °C	260
Elongation, %	5
Thermal Stability, % 1000 hours @ 200 °C	0.10
Shrinkage, % max.	0.50
Moisture Absorption, % after 30 days	0.10

Cure Information:

4 hrs at 250 F then 1-2 hrs at 350 F.

Post cure:

16 hrs at 450 F for severe environments.

Technical Questions? Call us. We are happy to help! +631-537-8390

Adelphi Materials LLC USA
 Phone USA: 631-537-8390: 650-318-1717
 FAX USA 631-537-8219
sales@adelphimaterials.com
www.adelphimaterials.com

Adelphi Materials, LLC INDIA
 Ph: Direct +91-9998085244
kartik@adelphimaterials.com