

SPP-15 Solvent Free Prepreg

Features & Benefits

- SPP-15 (Solvent Free Prepreg) provides the advantage of high thermal conductivity and reliability. This Sem-finished material is good for single and multilayer thermal conductive printed circuit board applications.
- SPP-15 is a sandwich structure, which includes layers of upper release film, prepreg, and lower release film
- SPP-15 has no fiberglass which allows for improved thermal performance in layers where fiberglass reinforcement is not required.
- Excellent thermal conductivity
- · High Electrical Strength
- · Lead-free solder compatible
- · RoHS compliant and environmentally green
- · Available in rolls
- TCLAD TCP minimizes thermal impedance and conducts heat more efficiently than standard printed wiring boards (PWB's).
- The differentiating technology of Thermal Clad resides in the dielectric. This
 datasheet highlights the performance characteristics of TCLAD SPP-15.
 - *Product thermal conductivity based on 2oz cu x 100µm SPP-15 x 1.5mm Al

Applications

- Traditional multilayer PCBs that have hot spots that need to be dissipated
- High power density applications which required low thermal resistance
- Power conversion, Inverter, DC/DC, AC/DC
- Industrial motor drives
- Solid State Relays

Configurations

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Cha	ract	erist	tics

Roll width [mm] 510,520 etc.

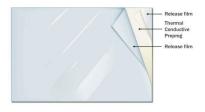
Prepreg Thickness [μm]

50,80,100,150 etc.

Release Film Thickness [μm]

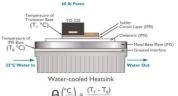
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SPP-15



We provide custom solutions for your applications. For Further questions, please contact your local sales agent or directly TCLAD sales in your region.

Test Thermal Performance of Insulated Metal Substrate (IMS®) TO-220 Set-up



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