



Technical Data

ESD CDM 68.940

General Description

The CDM range of products exhibits higher mechanical and resistance properties as standard composite materials. The random glass mat substrate present in the ESD CDM 68.940 minimizes delaminations problems during machining or pallet use. The relative low thermal conductivity in the CDM materials allows a rapid pallet turnaround eliminating most of the time, both the necessity to provide a cooling station and the process heat sink effect experienced in the metallic pallets. CDM materials can substitute metallic solder frames (or other materials) with great advantages. Flux resistance is depending on composition and pH level. Highly acidic, as well as basic fluxes often require a regular cleaning & removal of any remaining residue in order to preserve the stability of CDM

Description

ESD CDM 68.940 is a composite material made of glass Mat, combined with a high mechanical resin system.
Colour :- Grey

- Properties**
- Good Performance for lead free soldering process
 - Increased temperature resistance :
Good performance at temperatures higher than 300° C
 - Excellent flux resistance
 - Low deformation.
 - Excellent dimensional stability.
 - Dissipative material. Surface resistivity 10^5 to $10^9 \Omega/\text{square}$
 - Minimal solder pick up
 - Optically sensitive to IR sensors
 - Improved machinability

- Application**
- Use in lead free solder process
 - Wave solder, SMT and conformal selective process.
 - SMT placement
 - Reflow soldering

