

TOP PALLET ESD 68920

- **Material especially developed for Top Cover Pallets**
- **Dissipative material with guaranteed values**
- **Very good dimensional stability: good mechanical characteristics**
- **Very good machineability compared to standard woven glass materials**

Description

TOP PALLET ESD 68920 is especially developed for specific ESD Top Cover Pallets in order to maintain in place the PCB components in ESD Safe environment.

This competitive material presents very satisfactory technical values with high economical advantages.

TOP PALLET ESD 68920 is a composite material made of glass mat, combined with a mechanical resistance resin system.

This product has guaranteed dissipative characteristics and contributes to the ESD SAFETY optimization on components which are hold in place during wave or selective soldering assembly.

TOP PALLET ESD 68920 is the perfect complementary reference to associate with the CDM range of products widely used for bottom solder pallets.

Due to the high fiberglass content, machining is recommended with carbide or diamond tooling. Precise machining with very accurate tolerances can be achieved by experts in the conception and machining of pallets

Application

- Components hold in place pallets
- Top Pallets for wave soldering
- Top cover pallets for selective soldering
- Components protection

Availability

Standard thicknesses available: 6 mm, 8 mm, 10mm, 12mm

Standard sheet size: 1950 ±10mm x 950 ±10mm

Thickness tolerance: ±0,10mm for 6mm to 10mm and ± 0,15mm for 12mm

Flatness (panel size 300x300mm): 0,2mm

Surface quality: sanded on both sides

Colour

Black

Technical recommendations

When in contact with aggressive chemicals, cleaning of pallets on a regular basis is recommended in order to maximize the effective life span of the CDM pallets.

Storage: on flat and plane pallet in sane and dry warehouse. Avoid contact of CDM material to atmospheric influences such as UV, rain, high humidity rates.

PVC packaging around the sheets and panels is preferable in case of humidity environment.

Physical Properties	Unit	Value	Test Method
Density	g/cm ³	1,85 ±0,1	ISO 1183 (Method A)
Water absorption (24h 23°C)	%	0,15	ISO 62 (Method 1)

Electrical Properties	Unit	Value	Test Method
Surface resistivity	Ω/Square	10 ⁵ to 10 ⁹	IEC 60093

Mechanical Properties	Unit	Value	Test Method
Flexural strength at 23°C, flatwise	MPa	220 to 250	ISO 178
Flexural strength at 130°C, flatwise	MPa	150 to 170	ISO 178
Modulus of elasticity in flexure at 23°C, flatwise	MPa	14 000	ISO 178
Modulus of elasticity in flexure at 130°C, flatwise	MPa	8 000	ISO 178

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