

Valtech Solution Pte Ltd

Anti-static SMT loading and unloading box

1. Product name: Anti-static SMT loading and unloading box.
2. Description: Anti-static SMT loading and unloading box is processed by static protecting material and able to dissipate the surface and cubage static charge quickly and effectively, providing equipotential protection to static discharge sensitive parts. Regarding specification, please refer to our category.
3. material: Conductive HIPS (High Impact Polystyrene)+zincification material
4. Product character:
 1. Color and appearance: black with smooth surface, no crackle and air bubble.
 2. Mechanism performance: solid and durable, high intension, slot space is adjustable, suitable for various sizes of PCB products.
 3. Physical mechanism performance:

Testing items	Testing standard	Unit	Testing result
Melting index	GB3682	G/10min	3.6
Density	GB1033	g/cm ³	1.05
Plucking intension	GB1040	Mpa	27
Elongation degree	GB1040	%	40
Curling intension	GB9341	Mpa	45
Curling flexibility ratio	GB9341	%	2
impact intensity	GB1843	KJ/m ²	10
Hot distortion temperature	GB1634	°C	85
Intenerating point	GB1634	°C	102
Rigidity	GB9342		L-77

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4 .Corrosion:

corrosion liquor:	corrosion degree A ⁻ (g/m ²)
40%NaOH	0.685
40%HNO ₃	3.570
30%H ₂ SO ₄	0.104
35%HCL	2.070

5. Surface resistance of static dissipation : $10^3 \sim 10^6$ ohms/sq.
6. Friction capability: rudimental electricity potential : <10V.
7. Anti-aging capability: $45 \pm 2^\circ\text{C}$, 168hour, no crackle and distortion after experiment.
8. Product appearance: please refer to our category.