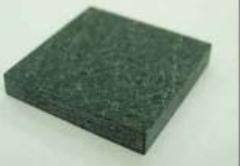
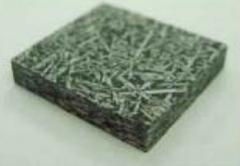
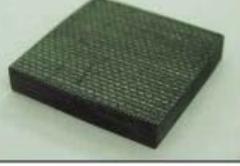


Antistatic high-temperature and chemical resistant solder pallet material

- Excellent for lead free soldering process
- Extremely long cycle life

Appearance before /and after flux dipping treatment(200°C×24hr.)

	試験前 Before treatment	フラックス試験後 (200°C・24hr.) After flux dipping treatment (200°C×24hr.)
A社材 A's		
E社材 E's		
RICOCEL ES-3261A		

RICOCEL® is the trade mark of the black colored epoxy glass material which is extremely durable at high temperature and flux chemicals of lead free solder. It is mostly used as PCB carrier or solder pallet in various soldering process. According to the various tests, RICOCEL material has been proved itself with excellent results in dimensional stability, water absorption and weight loss etc. Also the machining workability is superior compared with other material on the market. RICOCEL material is supplied in a master sheet format of 2040mm x 1200mm with approximate 10mm production margin on every side. The material is available in various thicknesses from 2.0mm to 14.0mm.

- ◆ Increase of cycle time of solder pallet due to higher durability of the material
- ◆ Superior structural stability for precise soldering process.
- ◆ Possibility of designing very thin and small structure precise solder protection.
- ◆ Time saving due to high speed cutting and drilling with less burrs on the edge.

Technical data of ES-3261A (stand 03.2013)

	Unit, Condition	Value
Surface Resistance / Oberflächenwiderstand	Ohm	1×10^7
Specific Gravity / Dichte	g/cm ³	1,95
Bending Strength / Biegefestigkeit	Mpa, 23°C	550
Flexural Modulus / Elastizitätsmodul	Gpa, 23°C	28
Thermal Expansion / Wärmeausdehnungskoeffizient	ppm/K, 50°C->250°C	9
Max. Operating Temperature / Grenztemperatur	°C	350
Standard Operating Temperature / Dauerbetriebstemperatur	°C	300
Flatness Tolerance / Ebenheitstoleranz	mm, 300mm x 300mm	± 0,15
Parallelism / Planparallelität	mm	± 0,08
Thickness Tolerance / Dickentoleranz	mm	± 0,10
Water Absorption / Wasseraufnahme	%	0,02
Thermal Conductivity / Wärmeleitzahl	W/mK	0,38
Standard Sheet Format / Standard Tafelformat	mm	2040 x 1200 (+ 10 / -0)
Available Thickness / Materialdicke	mm	3, 4, 5, 6, 8, 10, 12, 14