



Polyimide Bondply is made of polyimide film coated by modified stage-B acrylic adhesive on two sides with protection release film or paper. Polyimide bondply is widely used in protection of FCPB and other fields.

Characters:

- * Excellent dielectric performance, high bondability and good dimension stability
- * Low fluidity and good processability.
- * Supplied with different sizes and colors.

Spec.:

Models AD/PI/AD (AD=adhesive;PI=polyimide film)	Unit	25/25/25	50/25/50	25/50/25	50/50/50	25/75/25
Typical total Thickness	mm±10%	0.075	0.125	0.10	0.15	0.125
Film Thickness	mm	0.025(1 mil)	0.025(1 mil)	0.05(2mil)	0.05(2mil)	0.075(3mil)
Adhesive thickness per side	mm	0.025	0.05	0.025	0.05	0.025
Nominal Weight(Film and adhesive)	g/m ² ±10%	100	170	130	205	170
Supply Size and Packing	Standard roll: 50m ² per roll,width:500mm Carton after winded up into log roll and sealed by plastic film bag, Core ID:3"					

∩ customization can also be available.

Typical Properties(The follows are just examples not read as guaranteed values)

Items	Unit	Test Method	Typical datas
1. Peel Strength -As normal conditions -After soldering	N/mm--width	IPC-TM-650-2.4.9	1.5 1.5
2. Dimensional Stability	%	IPC-TM-650-2.2.4A	0.10
3. Adhesive Flow	um	IPC-TM-650-2.3.17.1	<150
4. Volatile Content	%	IPC-TM-650-2.3.37	≤3.0
5. Soldering resistance	288°C/10sec.	IPC-TM-650-2.4.13	Pass
6. Moisture Absorption	%	IPC-TM-650-2.6.2	≤4.0
7. Dielectric strength	KV/mm	ASTM-D-149	≥50
8. Chemical resistance	%	IPC-TM-650-2.3.2	≥80
9. Dielectric constant	MHZ	IPC-TM-650-2.5.5.3	≤4.0
10.Dissipation factor	----	IPC-TM-650-2.5.5.3	≤0.04
11. Volume resistivity	MΩ-cm	IPC-TM-650-2.5.17	10 ⁸
12. Surface resistivity	MΩ	IPC-TM-650-2.5.17	10 ⁶

Storage:

The product is packed in reinforced carton and sealed in plastic film bag. Please keep dry and in room temperature. Shelf life is 12 months.

Application:

Polyimide Bondply is mainly used in protection of flexible printed circuit board and other relevant fields.

- Note: 1.All of above information is based on our best knowledge, not read as guarantees. Right reserved for corrections.
2.Please contact us if customization requirements.*

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