



Innovative Materials Shift the Future

TIANJIN BOYUAN NEW MATERIALS CO., LTD.

Tel: +86-22-8371383

Fax: +86-22-83711387

E-mail: [boyuan@boyuanmaterials.com](mailto:boyuan@boyuanmaterials.com)

[www.boyuanmaterials.com](http://www.boyuanmaterials.com)

## Digital Press PET Sheet /B5203C

### ◆ Brief Introduction:

BOYUAN Digital Press PET Sheet is developed specially for HP Indigo digital press. With excellent printed image, ink adhesion and heat resistance, it is widely used in ID cards and documents production.

### ◆ Using Method:

Printed directly by the HP Indigo digital press.

### ◆ Characteristics:

- Good printability, suitable for the whole series of HP Indigo digital presses.
- Excellent adhesion to ElectroInk.

### ◆ Technical Parameters:

Item		Parameters
Surface		Clean and Flatness
Dimensional Tolerance	(mm)	±1
Angle Cut Tolerance	(mm)	±1
Diagonal Difference	(mm/m)	≤1.2
Thickness Tolerance	(mm)	±10%
Shrinkage (≤ 150°C, 30min)	MD	≤ 3%
	TD	≤ 3%
Tensile Strength (MPa)	MD	≥80
	TD	≥80
Elongation	MD	80%
	TD	80%

### ◆ Laminating Condition:

Laminating Unit	Temp(°C)	Pressure(MPa)	Time (min)
Heat Laminating	110~130	≥8	25
Cool Laminating	≤40	≥8	20

### ◆ Packing:

Outer: Carton      Inner: PE bag

### ◆ Storage:

Keep package sealed and moisture-proof, room temperature between 5-30°C.

Keep horizontally, avoid oppress heavily and direct sun light.

Stacking height should not exceed one meter.

Shelf life: One year.

! The information is based on our practical production and result of testing. We suggest testing should be necessary before a batch use. We announce that the specification can not be used as the guarantee of the products.