



Innovative Materials Shift the Future

TIANJIN BOYUAN NEW MATERIALS CO., LTD.

Tel: +86-22-8371383

Fax: +86-22-83711387

E-mail: boyuan@boyuanmaterials.com

www.boyuanmaterials.com

PC Coated Overlay/B5118C

◆ Brief Introduction:

BOYUAN PC Coated Overlay B5118C is a new developed environment friendly product which could get excellent peel strength at high temperature. It provides superior aging resistance performance to other similar products, no color change and deformation after lamination.

◆ Characteristics:

- Work well at high temperature, no color change with fluorescent ink.
- Abrasion resistant, prolong the life of cards.
- Environment friendly, no solvent or gas discharged.

◆ Technical Parameters:

Item		Parameters
Vicat (°C)		≥95
Shrinkage	MD/TD	±1%
Tensile Strength (MPa)	MD	≥40
	TD	≥35
Roughness(μm)	Ra	1~4
	Rz	15~25
Thickness(mm)		0.085

◆ Laminating Condition:

Laminating Unit	Temp(°C)	Pressure(MPa)	Time (min)
Heat Laminating	140~155	≥6	25
Cool Laminating	≤25	≥6	15

◆ 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: Two 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.