



Innovative Materials Shift the Future

TIANJIN BOYUAN NEW MATERIALS CO., LTD.

Tel: +86-22-83711383

Fax: +86-22-83711387

E-mail: boyuan@boyuanmaterials.com

www.boyuanmaterials.com

IR Blocking Film/B5116-BF

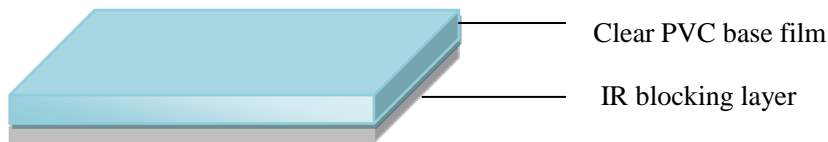
◆ Brief Introduction:

IR blocking film provide an innovative solution to replace IR blocking ink for clear/transparent card applications in the payment card industry. IR blocking film meet the infrared opacity requirements of ISO/IEC 7810.

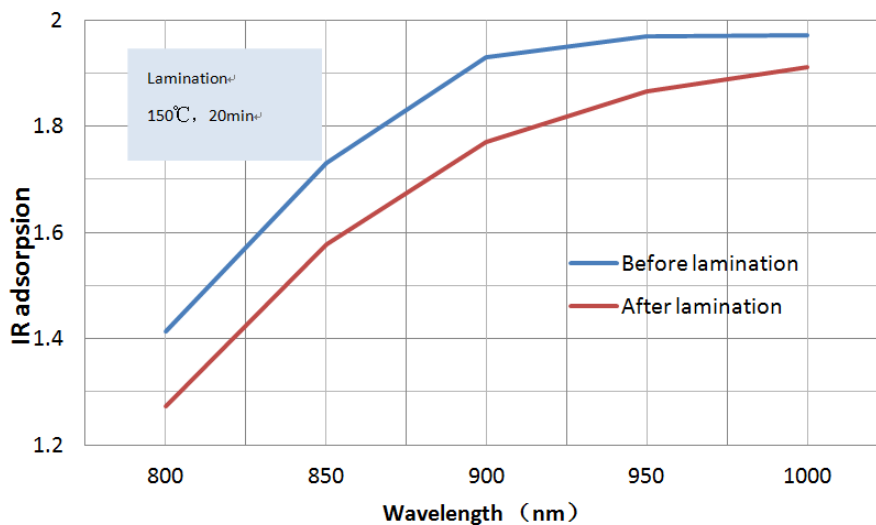
◆ Characteristics:

- Compared with IR blocking ink, the difference is:
- No special consideration in storage and use.
- High and stable infrared opacity performance.
- Cut ink planning/purchasing/ inventory management.
- Cut silkscreen printing process.
- Prevent ink lifetime issue and its storage scrap lost.
- Green process for card manufacturer.

◆ Typical structure of IR blocking film:



◆ Typical infrared opacity performance:





Innovative Materials Shift the Future

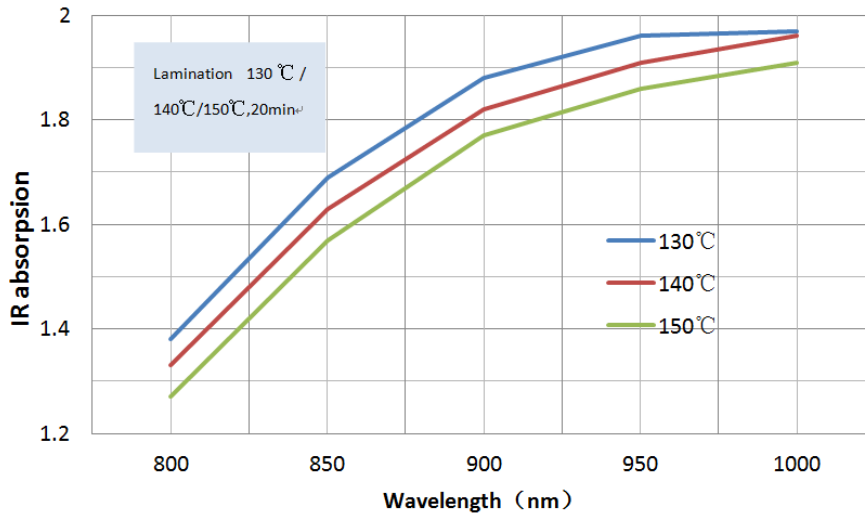
TIANJIN BOYUAN NEW MATERIALS CO., LTD.

Tel: +86-22-83711383

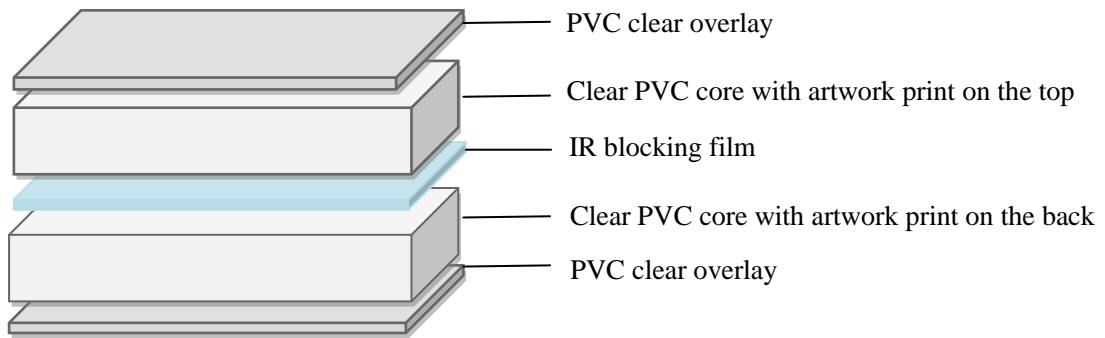
Fax: +86-22-83711387

E-mail: boyuan@boyuanmaterials.com

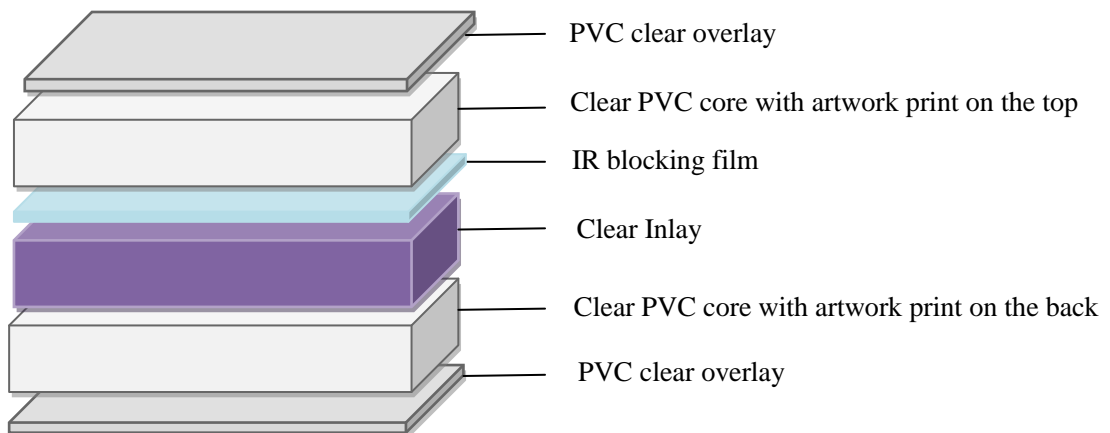
www.boyuanmaterials.com



◆ Typical clear/transparent card structure:



◆ With Prelam:





BOYUAN

Innovative Materials Shift the Future

TIANJIN BOYUAN NEW MATERIALS CO., LTD.

Tel: +86-22-83711383

Fax: +86-22-83711387

E-mail: boyuan@boyuanmaterials.com

www.boyuanmaterials.com

◆ **Laminating condition:**

Regular laminating setting of customers' are recommended

◆ **Packing:**

Inner: PE bag Outer: Carton

◆ **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.