

## Blended Modified POE Composite Inkjet Material

### Description:

Film: 80 micron; POE composite material  
 Adhesive: Grey solvent adhesive  
 Liner: 140 gsm white PEK paper with double sides PE & Silicon coating  
 Width: 1.06/ 1.37

### Features:

1. The good dimensional stability of the surface material, no curling or warping;
2. Product substrate toughness, good stiffness, easy for construction
3. The fast speed ink absorption and good color reducibility;
4. High pixel return point ratio, suitable for high-precision images;
5. Resistant to UVA-340 UV light, and energy radiation 0.55 w/m<sup>2</sup>, 200 hours color difference change value  $\Delta < 4$ ;

### Application:

1. Applicable to Vehicle flat surface decoration, Billboards, indoor and outdoor advertising;
2. Suitable for various of solvent, Eco solvent, UV and HP latex;

### Technical Data

Test Condition: Indoor temperature 23±2°C, Relative Humidity 50±5%.

Test tools like Aluminum plate, glass, steel plate are used for below testing .

Test Items	units	Test method	Average value
Thickness	Micron	GB/T6672-2001	80±10
Weight-liner	g/m <sup>2</sup>	GB4669-1995	140±10
Weight-finished product	g/m <sup>2</sup>	GB4669-1995	235±20
Gloss Rate 60°	%	GB8807-88	≤15
Primary adhesive	N/25mm	FTM 9	≥2
24h, 180°peel	N/25mm	FTM 1	≥4
Dimensional stability MD	mm	FTM 14	≤1.0
Dimensional stability CD	mm	FTM 14	≤1.0
Tensile strength MD	N/25 mm	GB/T1040.1-2006	≥50
Tensile strength CD	N/25 mm	GB/T1040.1-2006	≥40
Construction Temperature	°C		20±10°C
Applicable Temperature	°C		-20~ +70

\*All technical data is subject to change without prior notice

## **Storage Condition:**

All products should be stored in the original packaging with original protective materials, it is recommended to seal storage, horizontal storage, stacking layer should not exceed 6, avoid direct sunlight, heat source direct contact. Storage temperature  $25 \pm 5^{\circ}\text{C}$ , relative humidity  $50 \pm 15\%$ . Under these conditions, the storage period of the product is 12 months.

## **Printing Environment:**

Production environment: temperature of  $25 \pm 5^{\circ}\text{C}$ , relative humidity of  $50\% \pm 10\%$ , clean dust-free environment without suspended matter; please move the materials to the printing environment 24 hours before printing. Test prior to use and remain enough edge margins when printing.

Application environment: temperature of  $20 \pm 10^{\circ}\text{C}$ , relative humidity of  $50 \pm 10\%$ ; Pasting on flat, smooth and clean surface without floating dust and shedding; It is necessary to take more than 2 hours for maintenance before laminating.

## **Warranty:**

1. One year shelf life: stored in suitable conditions, preferably use within six months.
2. One year prosecution period: from the product manufacture date, no-acceptance for overdue product.

## **Important Remark:**

1. The information mentioned in this product data sheet is based upon tests executed by, and that we consider to be reliable. Environment humidity more than 70% in different district will decrease the printing result.
2. This product is with removable glue and has the possibility of residual gum with different substrate and pasting period. It is not recommended to splice different batches of products.