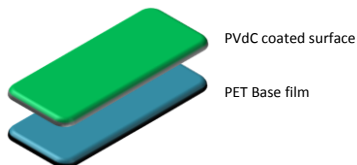




TECHNICAL DATA SHEET

PVdC COATED PET

IMP621



A PVdC coated transparent PET film with high oxygen, aroma and flavor barrier. IMP621 offers good mechanical properties and flex crack resistance in laminates. The use of IMP621 in laminate materials can assist in the extension of shelf life in a range of oxygen sensitive food products.

PRODUCT FEATURES

- Excellent oxygen barrier
- Excellent flavor and aroma barrier
- Superior flex crack resistance
- Excellent surface gloss and transparency
- Excellent printability on the PVdC coated side

APPLICATIONS

- Used in laminates to achieve high gas barrier properties
- Barrier layer in laminates for cheese, meat, nuts, cereals, flavored, powdered and processed foods
- Barrier layer for overwrap applications such as cosmetics and personal care products

| PROPERTIES | TEST METHOD | UNITS | IMP621 | IMP621 |
|-------------------------------|--------------|---------------------|----------------------------|--------|
| GENERAL | | | | |
| Base Web Thickness | GB/T6672 | ga | 47 | 55 |
| Yield | Q/SN2 | lb/ream | 10.3 | 12.0 |
| | | in ² /lb | 42100 | 36100 |
| Treatment Level | PVdC side | GB/T14216 | dyne | 54 |
| Haze | Maximum | GB2410 | % | 3.0 |
| Coefficient of Friction (CoF) | PVdC-PVdC | GB10006 | Kinetic | 0.50 |
| MECHANICAL | | | | |
| Tensile Strength | MD | GB/T13022 | psi | 32000 |
| | | | TD | 32000 |
| Elongation to Break | MD | GB/T13022 | % | 140 |
| | | | TD | 130 |
| Shrinkage (300°F / 30min) | MD | Q/SN2 | % | 1.8 |
| | | | TD | 0.5 |
| BARRIER | | | | |
| Water Vapor Transmission Rate | 100°F/90% RH | ISO 15106-3 | g/100in ² /24h | 0.97 |
| Oxygen Transmission Rate | 73°F/0% RH | ASTM D3985 | cc/100in ² /24h | 0.58 |

Guidelines for storage

Temperature should be less than 86°F and humidity 55±5% in storage areas. Material should be consumed within 6 months of receipt. Allow film to reach operating room temperature 24h before use.

Printing & Lamination

It is recommended to print on the PVdC coated side of the film when used in a laminate structure. Advice should be taken from your ink supplier.

When laminating this material, the use of a lamination film free from migratory additives may give improved results.

FDA Compliance: For information regarding food contact compliance, please contact your Impak Films representative

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