

### Product Information Sheet

#### Product

## Polymex® PK3B1

#### Product Description

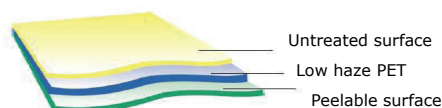
Polymex® PK3B1 is a peelable lidding film with a one side internal heat sealable surface. Polymex® PK3B1 is ideal for use in the application of food packaging, specifically chilled or frozen foods such as ready meals where high transparency is required (self-test recommended). In addition the food contact approval allows it to be used in food contact applications.

Available in thicknesses 15, 20 and 25 micron.

#### Key Features

- Excellent clarity, low haze, heat sealable
- Ideal for food packaging, laminating and printing
- Heat seals to itself, CPET, APET, GPET, paperboard and PVC
- No solvents, contamination and odour free

#### Structure of Polymex® PK3B1



| Property                              | Test Method                            | Unit               | Value      |    |    |
|---------------------------------------|--|--------------------|------------|----|----|
| Film Thickness                        | -                                      | micron             | 15         | 20 | 25 |
| Film Yield                            | -                                      | M <sup>2</sup> /Kg | 48         | 36 | 28 |
| Unit Weight                           | -                                      | g/m <sup>2</sup>   | 21         | 28 | 36 |
| Haze                                  | ASTM D 1894-78                         | %                  | 10         | 12 | 14 |
| Tensile strength at break<br>MD<br>TD | ASTM D 822-83                          | MPa                | 172<br>159 |    |    |
| Elongation at break<br>MD<br>TD       | ASTM D 1897-78                         | %                  | 135<br>95  |    |    |
| Heat seal strength                    | CPET @ 130°C, 166KPa<br>psi, 2 seconds | g/15 mm            | 266        |    |    |
| Coefficient of friction<br>(static)   | ASTM D 1894-78                         | -                  | 0.2        |    |    |
| Shrinkage<br>MD<br>TD                 | at 300°F/30min                         | %                  | 1<br>0.2   |    |    |

'MD' - Machine direction. 'TD' - Transverse direction

#### Applications

Polymex® PW122 complies with EU food contact legislation 2002/72/EC, and amendments with FDA regulation 21 CFR 177.1630

*The information above is given in good faith and should be considered as a guide not a specification.*



BS EN 14644 : 1999  
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