

## Delivering Engineered Packaging Solutions

◆ COMPETITIVE ◆ QUALITY ◆ EXPERIENCED ◆ RELIABLE ◆ INNOVATIVE ◆ INTEGRATED

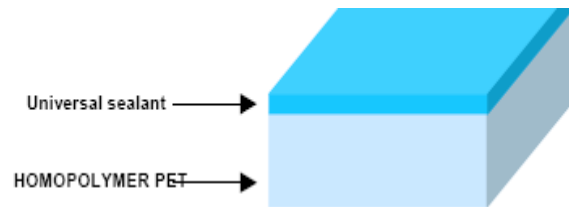
### TMP LIDDING FILM

**Solvent Free**

### DUAL OVENABLE, REHEATING TRANSPARENT POLYESTER FILM

#### TMP The Ideal Film

- Peelable seals to all typical plastics
- Excellent Hot-Tack
- Peelable Hot or Old
- Printable with Corona Treatment



#### TMP Key Features

- Suitable for Lidding, Heat-Seal and re-heating.
- Strong Peelable seal to APET, PVC, Paperboard and to itself.
- Easily release of from cheese items.
- Available in varies gauges

#### TMP Typical Structure

- Ink / TMP
- Print Web / Ink / Adhesive / TMP

| PROPERTIES                             | UNIT                           | Test Method  | 50        | 75        | 100       |
|--|--------------------------------|--------------|-----------|-----------|-----------|
| Yields                                 |                                |              |           |           |           |
| * Unit weight                          |                                |              |           |           |           |
| * Area yield                           | 1000 in <sup>2</sup> /lb       |              | 37.2      | 25.1      | 20.2      |
| OPTICAL PROPERTIES                     |                                |              |           |           |           |
| * Haze GARDNER                         | %                              | ASTM D 1003  | 10        | 12        | 14        |
| MECHANICAL PROPERTIES                  |                                | ASTM D 882   |           |           |           |
| MD / TD                                |                                |              |           |           |           |
| * Breaking strength                    | kpsi                           |              | 25 / 23   | 25 / 23   | 25 / 23   |
| * Elongation at break                  | %                              |              | 135 / 95  | 135 / 95  | 135 / 95  |
| GAS PERMEABILITY                       |                                |              |           |           |           |
| * O <sup>2</sup> 73° F                 | cc / 100 in <sup>2</sup> / day | ASTM D 3985  | 7.5       | 5.0       | 4.0       |
| * Water Vapor 100°F - 90% RH           | g / 100 in <sup>2</sup> / day  | ASTM E 96-80 | 2.8       | 1.9       | 1.5       |
| Heat Seal Range                        | ° F                            |              | 265 - 400 | 265 - 400 | 265 - 400 |
| 1/2 sec. 30 psi, 20 - 20 mil substrate |                                |              |           |           |           |

**TMP** Films comply with US FDA 21.CFR 175.300 for direct food contact & packaging.

**TMP** Films are solvent free and are manufactured without the use of solvents.

