# **TEKNIFLEX® VPA12200**

### PVC/PE/PCTFE Film

Tekni-Films, a div of Tekni-Plex

#### Message:

Tekniflex® VPA series are designed for thermoforming blister packaging for Pharmaceutical products requiring high barrier to moisture. Thermoformable into large cavities; FDA, EU, USP & EP compliant, Pharmaceutical-grade PCTFE film lamination.

| General Information                          |                               |              |
|--|-------------------------------|--------------|
| Features                                     | Moisture Barrier              |              |
| Uses   | Pharmaceutical Packaging      |              |
|  | Thermoforming Applications    |              |
|  |                               |              |
| Agency Ratings                               | DMF 1378                      |              |
|  | EP Unspecified Rating         |              |
|  | EU Unspecified Rating         |              |
|  | FDA Unspecified Rating        |              |
|  | USP Unspecified Rating        |              |
|  |                               |              |
| Appearance                                   | Clear/Transparent             |              |
| Forms  | Film                          |              |
| Processing Method                            | Thermoforming                 |              |
| Physical                                     | Nominal Value                 | Unit         |
| Specific Gravity                             | 1.37                          | g/cm³        |
| Dimensional Stability <sup>1</sup> (140°C)   | -4.0 to 4.0                   | %            |
| Films  | Nominal Value                 | Unit         |
| Film Thickness <sup>2</sup>                  | 406                           | μm           |
| Yield  | 1.62 to 1.98                  | m²/kg        |
| Roll Width <sup>3</sup>                      | < 110.00                      | cm           |
| Thermoforming Molding Temperature            | 100 to 160                    | °C           |
| Tensile Strength - MD (Yield)                | 41.4                          | MPa          |
| Oxygen Transmission Rate (23°C, 100%         |                               | 2. 2         |
| RH)  | 16                            | cm³/m²/24 hr |
| Water Vapor Transmission Rate (38°C, 90% RH) | 0.11                          | g/m²/24 hr   |
| Optical                                      | Nominal Value                 | Unit         |
| Haze   | 4.0                           | %            |
| NOTE   |                               |              |
| 1.   | 30 minutes                    |              |
| 2.   | Thickness tolerance: ±10%     |              |
| 3.   | Roll width tolerance: ±1.5 mm |              |

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#### Recommended distributors for this material

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