



(82) 31-321-4400, Fax. (82) 31-321-4407

...igok-ro 37, Idong-myeon, Yongin-si, Gyeonggi-do, 17130 S.Korea

## Technical Data Sheet

Rev.1. 18.10.17.

### PVC 1002-300 White

White thermoformable rigid PVC film for pharmaceutical grade blister-packaging,  
food & medical-packaging applications.

#### Physical properties

| Property     | Unit              | Nominal Value            | Tolerance | Test Method               |
|--------------|-------------------|--------------------------|-----------|---------------------------|
| Density      | g/cm <sup>2</sup> | 1.4                      | +/- 2%    | ASTM D 746                |
| Total Weight | g/m <sup>2</sup>  | 410                      | +/- 5%    | in house                  |
| Shrinkage    | %                 | MD max. -5<br>TD max. +2 | N/A       | 140°C/10min.<br>DIN 53377 |
| Vicat        | °C                | 75                       | +/- 1     | DIN ISO 306               |

#### Barrier properties @ 300micron

|   |  |      |   |             |
|---|--|------|---|-------------|
| WVTR<br>(23°C, 85% RH)                    | g/m <sup>2</sup> /d                    | 1.5  | - | ASTM F 1249 |
| WVTR<br>(40°C, 75% RH)                    | g/m <sup>2</sup> /d                    | 3.1  | - | ASTM F 1249 |
| O <sub>2</sub> -barrier<br>(23°C, 50% RH) | cm <sup>3</sup> /m <sup>2</sup> *bar*d | 12.0 | - | ASTM D 3985 |

#### General specifications

|                     |                  |
|---------------------|------------------|
| Thickness           | 300micron        |
| Thickness tolerance | +/- 5%           |
| Color               | White - standard |
| Core diameter       | 76mm / 152mm     |
| Roll width          | 80mm ~ 1,500mm   |
| Roll OD             | max. 1000mm      |

- Manufactured under cGMP conditions.
- All global food & pharma packaging regulatory approval including FDA & EU on request
- Specifications are per K.P.Tech's standards but do not constitute any warranty.
- Customer is responsible for determining K.P.Tech's products suitability for purpose and K.P.Tech limits its liability to free replacement of material found to be out of specification.