



**TAPADIA  
POLYESTERS**

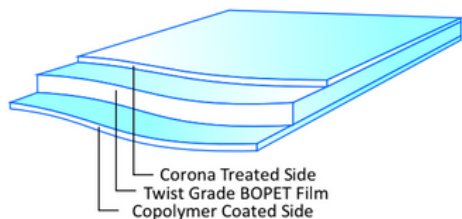
# TAPADIA POLYESTERS PVT LTD

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## PRODUCT DATA SHEET

## T-PET PCW-02

### Film Structure



### Product Description:

PTW (Transparent) grades is a Biaxially Oriented Twist Grade Polyester Films ideal for twist wrap packaging for confectionery Products.

### Key Features:

- i. Good clarity with excellent machine ability
- ii. Good printability
- iii. Good mechanical, surface & thermal properties

### Application:

- i. Twist Wrap for hard-boiled candies (HBCs), toffees, eclairs, mints & lozenges

| Property                       |                  | Unit               | Test Method | Typical Value |
|--------------------------------|------------------|--------------------|-------------|---------------|
| Thickness                      |                  | Micron             | Internal    | 18,19,23,36   |
| Yield                          |                  | m <sup>2</sup> /kg | Internal    | 39.7          |
| Tensile Strength               | MD               | Kg/cm <sup>2</sup> | ASTM D 882  | 2000          |
|                                | TD               |                    |             | 2000          |
| Elongation                     | MD               | %                  | ASTM D 882  | 90            |
|                                | TD               |                    |             | 90            |
| F-5 Value                      | MD               | Kg/cm <sup>2</sup> | ASTM D 1204 | 950           |
|                                | TD               |                    |             | 950           |
| Heat Shrinkage<br>150°C 30 min | MD               | %                  | ASTM D 1204 | 20.0          |
|                                | TD               |                    |             | 20.0          |
| Haze (Max)                     |                  | %                  | ASTM D 1003 | 3.5           |
| Transmittance (Min)            |                  | %                  | ASTM 1003   | 85            |
| Co-Efficient of Friction       | Static           | -                  | ASTM D 1894 | 0.55          |
|                                | Dynamic          | -                  |             | 0.50          |
| Wetting Tension                | Corona Treated   | Dynes/cm           | ASTM D 2578 | 52+           |
|                                | Copolymer Coated |                    |             | 56            |

MD= MACHINE DIRECTION \*TD= TRANSVERSE DIRECTION

**\*The data above only represents 18 Micron, specific data for other microns will be provided on request.\***

### STORAGE & HANDLING

T-PET does not require special storage conditions. It is recommended to storage below 30°C in order to avoid any deterioration of the film surface properties. It is advisable to use the material on FIFO basis. The film should be kept at operating environment for 24 hours before processing. T-PET is best suitable for use up to 3 months from date of dispatch.

### FOOD CONTACT

T-PET complies with EC and FDA regulations. Specific document and MSDS are available on request.

### DISCLAIMER

It is the responsibility of our customer to determine that their use of our product(s) is safe, lawful, and technically suitable in their intended applications. The Values given in the technical data sheet represent typical values based on the best of our knowledge as on date when the data was compiled. It is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability I compatibility in all respects. TPPL gives no warranty or accept liability for any loss and fitness of the product for any specific purpose. TPPL serves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.

**\*\*TDS issued on 08<sup>th</sup> July 2025 . All Previous versions for this grade are invalid.**