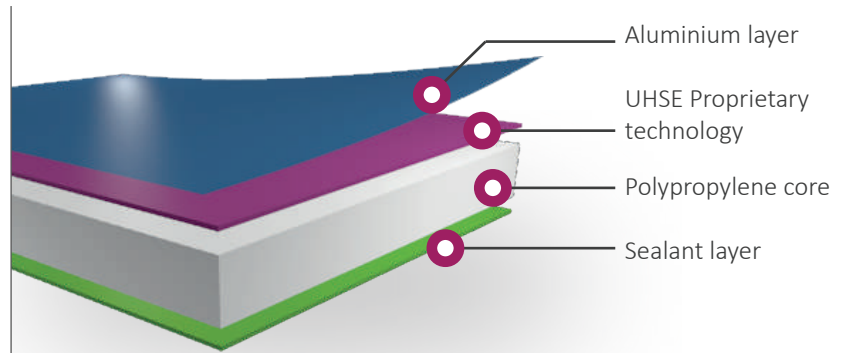


# TORAYFAN<sup>®</sup> PWS3

## Application

- Confectionery
  - Food
  - Snacks
  - Bakery
- Industrial



METALLISED BOPP FILM  
LOW SIT SEALABLE LAYER

## Benefits

- Super moisture barrier
- Excellent hot tack and very wide heat seal range
- Non-craze metal surface
- Bright foil appearance
- Excellent bondering in extrusion and adhesive laminations

## Typical Values *(These values do not constitute binding specifications)*

Properties	Test Method	Unit	15 $\mu\text{m}$	17.5 $\mu\text{m}$	30 $\mu\text{m}$
Nominal Yield		$\text{m}^2/\text{kg}$	73.7	63.1	36.5
Tensile Strength @ Break MD	ASTM D 882	$\text{daN}/\text{mm}^2$	15	15	15
Tensile Strength @ Break TD			30	30	30
Young's Modulus MD	ASTM D 882	$\text{daN}/\text{mm}^2$	235	240	220
Young's Modulus TD			460	470	400
Elongation @ Break MD	ASTM D 882	%	150	150	170
Elongation @ Break TD			50	50	40
Heat Shrinkage 140°C – 15min MD	Internal Method	%	7	7	6
Heat Shrinkage 140°C – 15min TD			5	5	4
COF (sealant to sealant) Kd	ASTM D1894		0.3	0.3	0.4
Heat-seal Strength @121°C	Internal Method	N/25mm	4.1	4.4	7
SIT (>2N/25mm)	Internal Method	°C	85	85	85
OTR @23°C, 0% RH	ASTM F1927	$\text{cc}/\text{m}^2/\text{day}$	30	30	30
MVTR, 90% HR, 38°C	ASTM F1249	$\text{g}/\text{m}^2/\text{day}$	0.15	0.15	0.15

## Regulation

Torayfan® PWS3 complies with European applicable requirements for food contact applications. For Toray's certification concerning specific applications with each product, please refer to the 'Declaration of Compliance'.

## Presentation of the rolls

**Roll packaging:** The rolls are suspended on standard paper core with internal diameter of 152.8mm. For all presentation, minimum roll width = 340mm and maximum roll width = 2450mm.

**Returnable packaging:** Wooden flanges, plastic flanges and pallets are returnable. The metallised side is identified on the labels.



## Please contact us for...

- Any other presentation (width, length, core)
- Process for returnable packaging
- Storage & handling conditions
- Any other information about typical values, measuring conditions, tolerances, deliveries...

Torayfan® is a registered trademark of Toray Films Europe SAS - TFE June 2020

**DISCLAIMER:** This leaflet is provided for informational purpose only and is not binding, nor can it constitute specifications to the buyer. The information contained in this document is based on numerous tests and trials we have carried out in our laboratories. Deviations from the results thus obtained can therefore be experienced depending on the actual conditions of use. This document does not provide any guarantee with regard to compliance of our product with the typical values indicated, nor does it provide any guarantee as the suitability of our products for any particular use.