

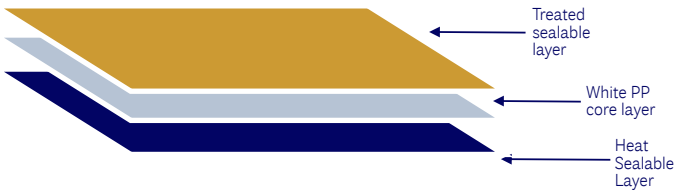


**TPPPL - CHS - WL**

# **DATA SHEET**

[www.tempopackaging.com](http://www.tempopackaging.com)

# CHS - WL



## Product Description

TPPPL - CHS - WL is white opaque, co-extruded, both sides heat sealable and one side corona treated film.

## Key Features

- Improved opacity & excellent gloss
- Excellent seal strength
- Good dimensional properties
- Excellent machinability
- Whiteness eliminates the need for white ink

### Typical Applications (can be used as single web or laminate structure)

Lamination and conversion  
Surface printing  
Confectionary packaging

## TECHNICAL SPECIFICATION

Properties	Unit	Method	Typical Values (CHS-WL)							
<b>Physical Properties</b>										
Nominal Thickness	μ	TPPPL	20	23	25	28	30	35	40	
Grammage	gm/m <sup>2</sup>	TPPPL	18.2	20.9	22.7	25.5	27.3	31.8	36.4	
Density	Gm/cc	TPPPL	0.905 - 0.910							
Yield	m <sup>2</sup> /kg	TPPPL	54.9	47.8	44.0	39.2	38.36	31.4	28.5	
<b>Optical Properties</b>										
Opacity	%		65-75	65-75	65-75	65-75	65-75	65-75	65-75	
Gloss @ 45°(Min)	-	ASTM D 2457	50-55							
<b>Surface Properties</b>										
Wetting Tension (Min)	Dyne/cm	ASTM D 2578	38							
Dynamic Coefficient of Friction (NT/NT)	-	ASTM D 1894	0.30							
<b>Mechanical Properties</b>										
Tensile Strength (at Break) (Min)	N/mm <sup>2</sup>	ASTM D 882 MD TD					40	20		
Elongation (at Break) (Max)	%	ASTM D 882 MD TD					400	550		
<b>Thermal Properties</b>										
Heat Seal Range	°C	TPPPL NT/NT	120-140							
Seal strength@120°C 1 bar, 0.5 sec	N/Inch	TPPPL NT/NT	15.0-19.0							
<b>Barrier Properties</b>										
WVTR @ 38°C, 90% RH	Gm/m <sup>2</sup> /24h	ASTM F 1249	14.0	14.0	12.0	12.0	11.0	10.0	10.0	9.0

MD- Machine Direction, TD- Transverse Direction, NT- Non-Treated, RH- Relative Humidity, TPPPL- Tempo Paper Pulp & Packaging Ltd.

## Legal Statement

Contact your Tempo Customer Service Representative /Sales Representative for potential food contact application compliance (e.g. FDA, NAFDAC) & MSDS. This product is not intended for use in medical applications and should not be used in any such applications. The figures and data provided in this datasheet are consistent with the current state of our knowledge and are intended to provide general information about our products and their applications. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

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