

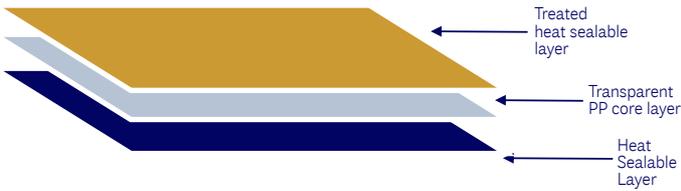


**TPPPL - CHS - BP**

# **DATA SHEET**

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# CHS - BP



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

- Rotogravure & Flexographic printing
- Lamination and single ply application
- Direct food packaging ( Pasta, Bakery items, Dried fruits)

## Product Description

TPPPL - CHS - BP is transparent, co-extruded, both side heat sealable and one side corona treated that can be used on wide range of packaging machines. It has wide seal range in order to enable high speed HFFs and VFFs packaging capabilities

## Key Features

- Outstanding optical properties
- Excellent seal strength
- Good dimensional stability
- Good mechanical properties
- Excellent machinability

## TECHNICAL SPECIFICATION

Properties	Unit	Method	Typical Values (CHS-BP)							
<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>										
Haze (Max)	%	ASTM D 1003	2.5	2.5	2.5	3.0	3.5	4.0	4.5	
Gloss @ 45° (Min)	-	ASTMD 2457	70-80							
<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					50			
							23			
Elongation (at Break) (Max)	%	ASTM D 882 MD TD					475			
							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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