



TPPPL - CHS - MD

DATA SHEET

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CHS - MD



Typical Applications (can be used as single web or laminates)

- Lamination and conversion
- For lamination on metallised side with BOPP film
- Confectionary packaging

Product Description

TPPPL - CHS - MD is a metallised CPP film having metal deposited on corona treated side other side sealable.

Key Features

- Good barrier properties
- Excellent seal strength
- Good metal adhesion
- Good mechanical properties
- Excellent machinability
- Enhances shelf life of products

TECHNICAL SPECIFICATION

Properties	Unit	Method	Typical Values (CHS-MD)							
Physical Properties										
Nominal Thickness	µ	TPPPL	20	23	25	28	30	35	40	
Grammage	gm/m ²	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 ² /kg	TPPPL	54.9	47.8	44.0	39.2	38.36	31.4	28.5	
Optical Properties										
Optical Density	-	TPPPL	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Surface Properties										
Wetting Tension (Min)	Dyne/cm	ASTM D 2578	38							
Dynamic Coefficient of Friction (NT/NT)	-	ASTM D 1894	0.30							
Mechanical Properties										
Tensile Strength (at Break) (Min)	N/mm ²	ASTM D 882 MD TD	50				23			
Elongation (at Break) (Max)	%	ASTM D 882 MD TD	450				550			
Thermal Properties										
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			
Barrier Properties										
WVTR @ 38°C, 90% RH	Gm/m ² /24h	ASTM F 1249	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
OTR @ 23°C, 0% RH	cc/m ² /24h	ASTM D 3985	<150	<150	<150	<150	<150	<150	<150	<150

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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