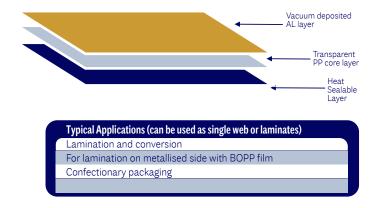


TPPPL-CHS-MD DATA SHEET

CHS - MD



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 - 0.91 0								
Yield	m²/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	
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/mm²	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/m²/24h	ASTM F 1249	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	
	cc/m²/24h	ASTM D3985			Tr.	<150	<150		<150		

Legal Statement

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