

## Product Specifications

### Metalized CPP

#### Product Code

**LHTI/TO-MZ**

Heat Sealable metalized CPP films with IN / OUT corona treatment for Printing and Lamination applications

#### FEATURES

- High Surface Gloss & Excellent Stiffness
- Excellent Seal Strength
- High Barrier Properties
- Excellent Metal Adhesion Properties
- Safe for food packaging

### Technical Specification

Properties	Unit	Test Method	Tolerance	Typical Values for							
<b>GENERAL PROPERTIES</b>											
Thickness	Micron	3BF STD	± 5 %	15	18	20	22	25	30	40	50
Film Density	gm / cc.	3BF STD	± 0.005	0.905							
Grammage	gm/sq.mtr.	3BF STD	± 5 %	Thickness x Film Density							
Surface Treatment	D/CM	ASTM D 2578	Min.	38							
<b>MECHANICAL PROPERTIES</b>											
Tensile Strength	MD	kg./sq.m <sup>2</sup>	ASTM D 882	± 100	450	600	600				
	TD	kg./sq.m <sup>2</sup>	ASTM D 882	± 100	200	300	350				
Elongation	MD	%	ASTM D 882	± 100	450	550	600				
	TD	%	ASTM D 882	± 100	500	600	650				
COF	F/M	-	ASTM D 1894		< 0.30	< 0.30	< 0.30				
	F/F	-	ASTM D 1894		< 0.35	< 0.30	< 0.25				
<b>THERMAL PROPERTIES</b>											
Seal Strength	kgf/25 mm	3BF STD	± 0.2	1.5	2.0	2.4	3.2	3.7			
SIT	°C	3BF STD	-	100 - 120							
Transparency	%	3BF STD	Min. 2.0	2.0 - 2.5							
Food Compliance	-	-	-	Yes							

3BF - 3B Films, MD - Machine Direction, TD - Transverse Direction,  
F/M - Film to Metal, F/F - Films to Films, SIT - Seal Initiation Temperature

#### Note:

Treatment value of CPP films tend to decay over a period of time during transportation & storage conditions. Therefore it is recommended that the customer should check the treatment levels prior to processing and if a reduction is observed then online corona treatment, high adhesive GSM & a suitable primer may be applied.

**Transparent CPP Films**

**Metalized CPP Films**

**White Opaque CPP Films**

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