

Product Specifications

TRANSPARENT CPP

Product Code

LHTI/TO-TR

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

FEATURES

- High Clarity and Surface Gloss
- Very good heat sealing performance
- Excellent anti-blocking properties
- High heat resistance
- Good hot tack
- Excellent printability
- Good resistance to tear & puncture
- Good moisture barrier
- Low static properties

Technical Specification

Properties	Unit	Test Method	Tolerance	Typical Values for										
GENERAL PROPERTIES														
Thickness	Micron	3BF STD	± 5 %	15	18	20	22	25	30	40	50	60	75	
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										
MECHANICAL PROPERTIES														
Tensile Strength	MD	kg./sq.m ²	ASTM D 882	± 100	450	600	600	500						
	TD	kg./sq.m ²	ASTM D 882	± 100	250	300	350	300						
Elongation	MD	%	ASTM D 882	± 100	450	550	600	600						
	TD	%	ASTM D 882	± 100	500	600	650	700						
COF	F/M	-	ASTM D 1894		< 0.30	< 0.30	< 0.30	< 0.30						
	F/F	-	ASTM D 1894		< 0.35	< 0.30	< 0.25	< 0.25						
THERMAL PROPERTIES														
Seal Strength	kgf/25 mm	3BF STD	± 0.2	1.5	2.0	2.4	3.2	3.7	3.8	4.5				
SIT	°C	3BF STD	± 2	115										
Transparency	%	3BF STD	-	90 - 95										
Food Compliance	-	-	-	Yes										

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.