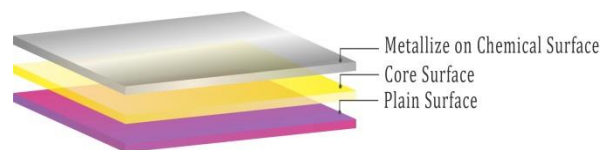


## Metallized Chemical Coated High Barrier Film (M-CCP)



**KEY FEATURES**-M-CCP is Bi-axially oriented Vacuum high Barrier Metallized film. Metallize on chemical coated surface wound inside other plain surface. It has excellent barrier properties, enhanced high bond strength between metal to film, excellent machinability and high gloss.

**APPLICATIONS**- Suitable for flexible packaging application improving bond strength between interlayer laminates in food packaging Applications like hot fill, boiling, retorting and laminates for making pouches of Coffee, milk powder, ORS, cereals, juice, powder, snack foods, Tea etc.

### TECHNICAL DATA SHEET

Properties		Unit	Test Method	Typical Values			
<b>General</b>							
Thickness		Micron	SIPL	8±0.2	10±0.2	12±0.3	
Yield		M <sup>2</sup> /Kg	SIPL	89.3	71.4	59.5	
<b>Optical</b>							
Optical Density (Tolerance +/-5%)			SIPL	2.5-2.8	2.5-2.8	2.5-2.8	
<b>Mechanical</b>							
Tensile Strength (Min)	MD	Kg/cm <sup>2</sup>	ASTM-D 882	2000	2000	2000	
	TD			1900	1900	1900	
Elongation	MD	%	ASTM-D 882	120±20	120±20	120±20	
	TD			120±20	120±20	120±20	
<b>Surface</b>							
Surface Tension (Min)		Dyne/cm	Metallized side	ASTM-D 2578	56	56	56
<b>Thermal</b>							
Shrinkage @ 150°C/30'	MD	%	ASTM-D 1204	2.0±0.5	2.0±0.5	2.0±0.5	
	TD			0.4±0.2	0.4±0.2	0.4±0.2	
<b>Barrier</b>							
MVTR (38°C/ 90% RH)		g/m <sup>2</sup> /day	ASTM F-1249	<0.70	<0.70	<0.70	
Oxygen Permeability(25°C/ 0 % RH)		cc/m <sup>2</sup> /day	ASTM D 3985-95	<0.60	<0.60	<0.60	

**Disclaimer:** The data sheet information is to the best of our knowledge and experience. Some values may be customized wherever possible, as per the customer's requirement. Sparsh Industries Pvt. Ltd makes no warranty, whatsoever, to the product fitness for any specific use. Data sheet is purely for reader's consideration and verification for sale or contract.

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