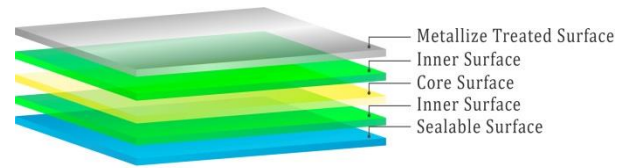


Metallized Cast Polypropylene Film (MCP-105)



KEY FEATURES- MCP is metallized Cast film which is one side heat sealable and the other side is metallized for improved barrier applications.

APPLICATIONS- Suitable for inner wrap in food packaging.

TECHNICAL DATA SHEET

Properties	Unit	Test Method	Typical Values							
General										
Thickness	Micron	SIPL	20	22	25	30	35	45	50	
Grammage	gms/m ²	SIPL	18.20	20.02	22.75	27.30	31.85	40.95	45.50	
Mechanical										
Tensile Strength (Min)	MD	kgs/cm ²	ASTM-D 882	530	530	530	530	530	530	530
	TD			200	200	200	200	200	200	200
Elongation	MD	%	ASTM-D 882	450±100	450±100	450±100	450±100	450±100	450±100	450±100
	TD			550±100	550±100	550±100	550±100	550±100	550±100	550±100
Surface										
Co-efficient of Friction	(Max)	Static	ASTM-D 1894	0.40±0.1	0.40±0.1	0.40±0.1	0.40±0.1	0.40±0.1	0.40±0.1	0.40±0.1
		Dynamic		0.35±0.1	0.35±0.1	0.35±0.1	0.35±0.1	0.35±0.1	0.35±0.1	0.35±0.1
Wetting Tension (Min)	One side	dynes/cm	ASTM-D 2578	38	38	38	38	38	38	38
Optical										
Optical density	NA	SIPL	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Thermal										
Shrinkage @ 120° C / 05min (Min)	MD	%	ASTM-D 1204	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	TD			1.0	1.0	1.0	1.0	1.0	1.0	1.0
Seal Initiation temperature (SIT)		°C	SIPL	105	105	105	105	105	105	105
Heat Seal Strength (Min)		gms/25mm	SIPL	1200	1200	1400	1400	1400	1700	1900
Barrier										
W.V.T.R(38°C & 90% RH)		gms/m ² /day	F-1249	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
O.T.R (23 °C & 0% RH)		cm ³ /m ² /day	D-3982	<150	<150	<150	<150	<150	<150	<150

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 to the product fitness for any specific use. Data sheet is purely for reader's consideration and verification for sale or contract.

Storage and handling

Sparsh CPP is recommended to be stored below 30°C. The consumption is recommended in FIFO pattern. The film should be conditioned to ambient temperatures for 24 hrs. prior to usage. Sparsh CPP is best when used within two months from the date of dispatch.

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