



## Metallised Cast Polypropylene Film (MExCPP-085)

**KEY FEATURES-** MExCPP is metallised film Cast film which is one side heat sealable and the other side is metallised for extrusion coatings.

**APPLICATIONS-** Suitable for inner wrap in food packaging

### TECHNICAL DATA SHEET

Properties	Unit	Test Method	Typical Values							
<b>General</b>										
Thickness	Micron	SIPL	20	22	25	30	35	45	50	
Grammage	gms/m <sup>2</sup>	SIPL	18.20	20.02	22.75	27.30	31.85	40.95	45.50	
<b>Mechanical</b>										
Tensile Strength (Min)	MD	kgs/cm <sup>2</sup>	ASTM-D 882	530	530	530	530	530	530	530
	TD			240	240	240	240	240	240	240
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
<b>Surface</b>										
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
<b>Optical</b>										
Optical density	NA	SIPL	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
<b>Thermal</b>										
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
Heat Seal Initiation temperature		°C	SIPL	085	085	085	085	085	085	085
Heat Seal Strength (Min)		gms/25mm	SIPL	1200	1200	1400	1400	1400	1700	1900
<b>Barrier</b>										
W.V.T.R( 38° C & 90% RH )		gms/m <sup>2</sup> /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 <sup>3</sup> /m <sup>2</sup> /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 three months from the date of dispatch

### Sparsh Industries Pvt. Ltd.

**Regd. Office:**

Sparsh House, 165, Patparganj Industrial Area,  
Delhi- 110092, INDIA  
Tel: (+91) 11 42654646 / 42654747 Fax: (+91) 11 43086464

Email: info@sparshgroup.in

**Factory Address:**

Unit:1 - G12 to G21, UPSIDC, Industrial Area, Jainpur,  
Kanpur Dehat, 209311, Uttar Pradesh, INDIA

Website: www.sparshgroup.in



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