

# Technical Information

## HHH - Homopolymer CPP Films

Standard Thickness 20, 25, 30, 35, 40, 50 microns

- Description : A single structure Cast Polypropylene Film.  
 Application : **HHH** is designed for stationeries, bag making and adhesive tape.  
 Treatment : one side corona treated.  
 Features : - Good moisture barrier. - High tensile strength.  
 - High clarity and gloss. - Good ink and coating adhesion.

PROPERTIES	TESTINGS METHOD	TYPICAL VALUE (25)*	UNIT
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### MECHANICAL

Tensile Strength	MD	ASTM D - 882	> 4.0	Kg / mm <sup>2</sup>
	TD		> 2.0	
Elongation	MD	ASTM D - 882	> 500	%
	TD		> 500	

### PHYSICAL

Coefficient of Friction	Film to Film (Ntr/ntr)	ASTM D - 1894	0.4 Max	-
Haze		ASTM D - 1003	4.0 Max	%
Heat Seal Range		-	145 - 160	°C
Heat Seal Strength		BTI Methode 155°C / 1bar / 1 sec	> 400	g / 15mm

### THERMAL

Thermal Shrinkage (AT 120 °C / 15Min)	MD	ASTM D - 1204	1.0 Max	%
	TD		1.0 Max	

### BARRIER

WVTR		ASTM F - 1249	< 10	g / m <sup>2</sup> / day 38°C / 90% RH
O <sub>2</sub> TR		ASTM F - 1927	< 3000	cc / m <sup>2</sup> / day 23°C
Corona (Surface Tension)		ASTM D - 2578	≥ 38	Dyne / Cm

\*) The Above data are given for reference only

### GENERAL INFORMATION

- Slit Width mm. - As per customer requirement
- Standard Length meter - 4.000 / 6.000 / 8.000

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