



## TECHNICAL DATA SHEET

## CPP: CAST POLYPROPYLENE FILM

### Product Description:

Single Layer non-oriented films, available With either a gloss, matte or an embossed Surface. Homopolymer/Copolymer blend, with low impact and good heat seal strength.

### Key Features:

Gloss/Gloss appearance  
Matte/Gloss appearance  
Embossed/Embossed appearance  
Thermo-Formable  
Heat Sealable  
Resistance to oil, grease  
Resistance to many chemicals

### Applications

Paper/Board laminations  
Cut and stack labels  
Flexible laminations  
DVD box covers  
Sheet & photo protectors  
Archival storage  
In-mold labels  
Sheeting

Sample Thickness	Mil (0.001")	2.8	3.0	4.0	5.0	10.0	15.0	20.0
Nominal Yields	in <sup>2</sup> /lb	10,930	10,200	7,650	6,120	3,060	2,040	1,530

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES
Haze (Clear Cast)			20
Haze (Case Embossed)	ASTM D1003	%	50
Tensile Strength @ Break	MD TD		6000 5000
Elongation @ Break	MD TD	ASTM D882	800 800
Heat Shrinkage @ 212°F 10 min	MD TD		1 1
Electrostatic Treatment	ASTM D2578	Dynes	38

## GENERAL PROPERTIES

Specific Gravity	0.905	Folding Endurance	Excellent
Yield at 1.00 mil	30,600 in <sup>2</sup> /lb	Burn Rate	Slow
Cold-Crack Temperature	-55°F(-48°C)	Heat Seal Properties	Good
Heat-Set Temperature (Memory)	280°F(138°C)	FDA Approved Grades available	Yes
Melt Temperature	333°F(167°C)	CONEG Approved Grades available	Yes

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