

## CPP CAST FILM WITH ANTI-FOG

CAST CPP polypropylene film, not oriented, heat-sealable on both sides, with an additive preventing from condensation of water (anti-fog).

CPP film is a packaging material on which you can perform any printing and lamination. We sell film with the following thickness: 20µm – 120µm. CPP film is used for vertical and horizontal packaging.

### Application

- Packaging for fresh vegetables and fruits
- Laminates with other films
- For vertical VFFS and horizontal HFFS packaging machines
- Bags for food
- Flower film
- Film for packaging of herbs



### Main properties

- Five layered
- Produced with anti-fog additive
- Particularly useful where there is condensation, the deposition of small drops on the film surface in the form of fog, which limits the visibility of the product to the consumer
- Anti-fog additive causes water to spread over the entire film evenly, so that the entire film is wetted equally
- High gloss, high transparency, high barrier to steam
- Resistant to mechanical factors (puncture, tear)
- Thermal resistance
- Ideal for sealing

Properties	Unit	Val ues																									
Thickness +/- 6%	µm	20	25	28	30	33	35	36	38	40	42	43	45	50	55	60	65	70	75	80	90	120					
Density	g/cm <sup>3</sup>	0,9																									
Weight +/- 6%	g/m <sup>2</sup>	18,0	22,5	25,2	27,0	29	32	32	34	36,0	38	39	41	45,0	50	54,0	58,5	63,0	67,5	72,0	81,0	108,0					
Yield +/- 6%	m <sup>2</sup> /kg	55,6	44,4	39,7	37,0	33,9	31,7	30,9	29,2	27,8	26,5	25,8	24,7	22,2	20,2	18,5	17,1	15,9	14,8	13,9	12,3	9,3					
Tensile strenght (not less)	MD	40		50		55		55		55		58		56		45		42		40		38		36		34	
	TD	20		30		30		35		37		37		37		36		36		35		32		30		30	
Elongation at break (not less)	MD	550				560				560				570		570		580		580		620		720			
	TD	700				710				720				720		740		720		700		720		780			
Kinetic coefficient of friction(5 dni after production)	-	0,25																0,35									
*Haze (not more)	%	3,5				3,7				3,9		4,2		4,5		4,7		5,5		14,0							
Gloss (45°)	%	85																80		70							
Treatment level	mN/m	36																									
**Suitability for printing and lamination	-	YES																									
Heat sealing range	°C	125-150																									

\* Measured right after production

\*\* Suitability for printing and lamination is examined by a tester Arcotest 38. The film is useful for printing when the layer of the applied liquid dries to form a closed shell. In the case when after application of the liquid some areas remain wet or the dye spatters, the film is not suitable for printing and laminating .

MD - along

TD - across

T - treatment side

Note: All data included in the sheet come from the film manufacturer, MarDruk packaging company has not carried out any tests of the material.