

## CPP-L Technical Data Sheet (ed. 6)

POLYPROPYLENE NON - ORIENTED CAST FILM with sealing layers **Suitable for lamination on PE, BOPP & PET**

### ADVANTAGES

- good mechanical and optical properties
- antistatic and antyblocking properties to simplify packaging process on packaging machines
- optimal sealing properties
- increased coefficient of friction
- high barrier properties and water-steam permeation
- one side treatment (outer layers of the roll)

### APPLICATIONS

- for lamination with other films eg. PE, BOPP, PET
- packaging for food, textiles, flowers and others
- for horizontal packaging eg. confectionary like bread, bars, cakes and other
- for flexo and roto printing

### TECHNICAL PARAMETERS

Requirements	Nominal/guaranteed value													Research method
Thickness [ m], 6%	20	25	30	35	40	50	60	70	75	80	90	100	110	ISO 4593
Density [g/cm <sup>3</sup> ]	0,9													ISO 845
Unit weight [g/m <sup>2</sup> ]	18,0	22,5	27,0	31,5	36,0	45,0	54,0	63,0	67,5	72,0	81,0	90,0	99,0	ISO 536
Packaging capability [m <sup>2</sup> /kg]	55,6	44,4	37,04	31,8	27,8	22,2	18,5	15,9	14,8	13,9	12,3	11,1	10,1	ISO 536
Tensile strength [N/mm <sup>2</sup> ] - MD, not less than - TD, not less than	20 15	23 17	25 18	27 19	28 19	28 20	30 21	32 22	32 22	34 22	34 23	35 24	35 25	ISO 527 -1, -3
Elongation at break [%] - MD, not less than - TD, not less than	450 480	450 500	480 500	500 520	500 520	500 550	500 580	530 600	550 600	570 600	560 620	560 620	550 640	
Coefficient of friction (film/film), NT/NT, not more than	0,35													ISO 8295
Haze* [%], no more than	3,0	3,2	3,4	3,6	3,8	4,0	4,4	4,8	4,9	5,0	5,4	6,0	6,4	ASTM D 1003
Gloss (45°)* [%], not less than	88													ASTM D 2457
Treatment [mN/m], not less than	36													ISO 8296
Lamination and print usability	tak													
Sealing temperature range [° C]**	125-150													

\* / Test made directly after extrusion

\*\* / Sealing temperature range based on laboratory conditions. Right industrial sealing temperature choice depends on type of sealing electrode and packaging process speed.

Ability for overprint is checked with pen tester. Film is suitable to be printed when the layer of lotion getting dry and presents close area. In other case, film is not suitable to be printed. Activation level is guaranteed within 3 months since date of production.

On the other parameters listed in the above table manufacturer warranty for polypropylene film CPP-L a period of 6 months from the date indicated on the label winding.

IMPORTANT: Storage of the film under temperature below +15°C requires additional storage under further processing in temperature of 20°C for min. 24h. The manufacturer recommends film processing conditions: 15 to 35°C and humidity up to max. 75%Rh. Compliance with these conditions ensures that the specified properties of the films.

The technical parameters are based on laboratory tests and are for informative purposes only. Provided parameters do not represent guaranteed parameters. Rollstockdepot reserves a right to amending the table.

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