

CPP-BW Technical Data Sheet

(ed. 6)

POLYPROPYLENE NON-ORIENTED CAST FILM with sealing layers and increased tear resistance
Suitable for high speed wicket applications

ADVANTAGES

- good mechanical and optical properties
- tear and puncture resistance
- low temperatures resistance
- optimal sealing properties
- high barrier properties and water-steam permeation
- one side treatment (outer layers of the roll)

APPLICATIONS

- packaging material for food, specially bread packaging
- for horizontal fast packaging machines
- for flexo and roto printing

TECHNICAL PARAMETERS

Requirements	Nominal/ guaranteed value								Research method
Thickness [m], 6%	20	24	25	30	35	40	50	60	ISO 4593
Density [g/cm ³]	0,9								ISO 845
Unit weight [g/m ²]	18,0	21,6	22,5	27,0	31,5	36,0	45,0	54,0	ISO 536
Packaging capability [m ² /kg]	55,6	46,3	44,4	37,0	31,8	27,8	22,2	18,5	ISO 536
Tensile strength [N/mm ²]									ISO 527-1, -3
- MD, not less than	33	35		38	40	45	50		
- TD, not less than	15	17		18	20	22	24		
Elongation at break [%]									ISO 527-1, -3
- MD, not less than	450	500		550	560	580	600		
- TD, not less than	480	550		580	600	650	680		
Coefficient of friction, (film/film), NT/NT, not more than	0,25								ISO 8295
Puncture durability Dart Drop [g] - manual method of fixing the sample	110	160	180	230	280	320	380	440	ASTM D1709 A
Haze* [%], no more than	3,0	3,1	3,2	3,3	3,4	3,5	3,8	4,0	ASTM D 1003
Gloss (45°)* [%], not less than	85								ASTM D 2457
Treatment [mN/m], not less than	36								ISO 8296
Lamination and print usability	yes								
Sealing temperature range [°C]**	115-150								

*/ 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-BW 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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