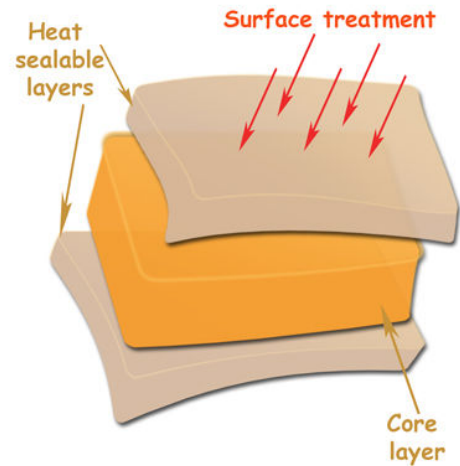


Technical Data Sheet

Typical application:

- ✓ Suitable for lamination or single ply.
- ✓ For bread and bakery packaging
- ✓ High quality rotogravure and flexo printing

PLCB Coextruded cast polypropylene film, heat sealable, intended for packing of bread and bakery pouches. One side corona treated.



Properties	Test Methods	Deviation	Typical Values							
Thickness, μm			20	25	28	30	35	65	80	100
Average thickness deviation, %		$\pm 0.5\%$	2	2	2	2	2	2	2	2
Yield, m^2/kg		$\pm 5\%$	55,6	44,0	39,2	36,6	31,6	16,9	13,8	11
Unit weight, g/m^2		$\pm 5\%$	18,0	22,8	25,5	27,3	31,7	58,9	72,6	90,8
Gloss (45°)	ASTM D 2457	± 2	83	83	83	83	83	83	83	83
Haze, %	ASTM D 1003	± 0.2	2.0	2.0	2.2	2,4	2,4	3.5	4	5
Coefficient of Friction	ASTM D 1894		< 0,25	< 0,25	< 0,25	< 0,25	< 0,25	< 0,25	< 0,25	< 0,25
Shrinkage, % (120°C , 5 min.)	MD	± 2	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
	TD		2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Elongation at break, %	MD	± 100	650	650	650	650	650	650	650	650
	TD		650	650	650	650	650	650	650	650
Sealing range *		-	125÷ 145	125÷ 145	125÷ 145	125÷ 145	125÷ 145	125÷ 145	125÷ 145	125÷ 145
	Tensile strength, MPa									
	MD	± 15	50	50	50	50	50	50	40	40
	TD		25	25	25	25	25	25	25	25
Surface treatment, dynes/cm	ASTM D 2578a	-	Min. 36	Min. 36	Min. 36	Min. 36	Min. 36	Min. 36	Min. 36	Min. 36

* - this sealing range starts with SIT (sealing initiation temperature).

Packing			
	Core diameter	Outer diameter *	Note
Vertical	152 mm (6') 76 mm (3')	≤ 550 mm	≤ 700 mm – two or more rows > 700 mm – one row
Horizontal	152 mm (6') 76 mm (3')	≤ 770 mm	

- In case of no other requirement

Tolerances			
Weight tolerance, depending on the order volume		Width tolerance	
≤ 1 000 kg	± 20 %	± 2 mm	
1001÷10 000	± 10 %		
> 10 000	± 5 %		

Storage and transport terms and conditions:

Palletizing of goods is done according to customer requirements.

The storage / transport are carried out in dry, covered and clean warehouses / means of transport.

The film should be stored away from heat sources, without direct sunlight or UV radiation.

The recommended temperature for storage / transport is 10 - 30°C. If the temperature is not in these limits you can observe problems as bellow:

- Decrease of dyne level
- Higher haze of the film
- Poor adhesion of the film surface that can be a problem for laminating and printing
- Extremely low COF, that can create problems for next processing

Excessive humidity can be a reason for film blocking.

It is recommended that BOPP film should be allowed to reach operating room temperature for 24 hours before use.

It is advisable that the metalized films should be laminated because the metalized layer is not resistant to scratches. Before printing on metalized films, it is strongly recommended to apply a primer.

Adherence to the above mentioned storage conditions ensures that the film is suitable to be used up to 4 months after the date of production form metalized film and 6 months for another types.

Claims connected with the transport can be accepted not more than 1 week after delivery date. They have to be recorded in the CMR as well.

If there are hidden defects, Plastchim-T AD can refund the converting cost for not more than 3 rolls from a

certain order