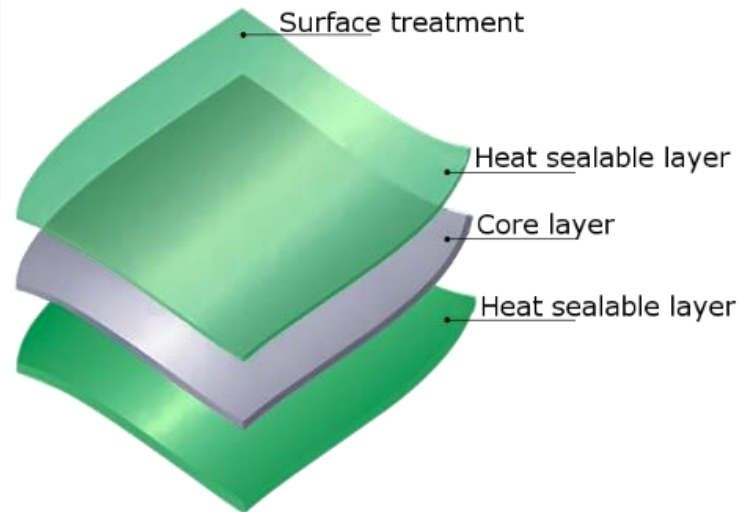




**PLCDF** is coextruded cast polypropylene film, both sides heat sealable, one side corona treated. PLCDF is designed for packing bread and bakery pouches, and store in freezer at up to -25 °C. The film has very good optical properties and has excellent tear resistance on low temperatures

### TYPICAL APPLICATIONS

- Deep freezing
- Bread and bakery packaging
- General packaging for cold climate
- High quality rotogravure and flexo printing



Properties	Test Methods	Deviation	Typical Values				
Thickness $\mu\text{m}$			25	28	30	35	
Average thickness deviation %		$\pm 0.5$	2	2	2	2	
Yield, $\text{m}^2/\text{kg}$		$\pm 5\%$	44.0	39.2	36.6	31.6	
Unit weight, $\text{g}/\text{m}^2$		$\pm 5\%$	22.8	25.5	27.3	31.7	
Gloss (45°)	ASTM D 2457	$\pm 2$	83	83	83	83	
Haze, %	ASTM D 1003	$\pm 0.2$	2.0	2.4	2.4	2.6	
Coefficient of Friction	D1894		$< 0.25$				
Shrinkage, % (120°C, 5 min)	BMS TT 0.2		MD	2.0	2.0	2.0	2.0
			TD	2.0	2.0	2.0	2.0
Elongation at break, %	ASTM D 882	$\pm 100$	MD	650	650	650	650
			TD	650	650	650	650
Sealing range *		-	125÷145	125÷145	125÷145	125÷145	
Tensile strength, MPa	ASTM D 882	$\pm 15$	MD	50	50	50	50
			TD	25	25	25	25
Surface treatment, dynes/cm	ASTM D 2578a	-	Min 36	Min 36	Min 36	Min 36	

\*- the sealing range starts with SIT (sealing initiation temperature)



The specified values are based on average results, measured by the manufacturer during standard production. They should not be considered as Data Sheet of any particular product.

The end user should be satisfied as to the suitability of the product for the intended application and the present regulatory regime. Therefore, Plastchim-T AD disclaims any liability for damages arising from the non-suitability of the product for the effected application.

**Food contact:** The CPP Film complies with all national and international standards and requirements for food contact. The Declaration of Compliance is accessible at [www.plastchim-t.com](http://www.plastchim-t.com).

### PACKING

	Core Diameter	Outer Diameter *	Notes
<b>Vertical</b>	152 mm (6`) 76 mm (3`)	≤ 550 mm	≤ 700 mm – two or more rows > 700 mm – one row
<b>Horizontal</b>	152 mm (6`) 76 mm (3`)	≤ 770 mm	

(\*) In case of no other requirements

### TOLERANCES

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

### Storage and Transportation Terms & Conditions

Palletizing of goods is done according to customer's requirements.

The storage of all goods is in dry, covered and clean warehouses.

The transportation of the goods is carried out in dry, covered and clean means of transport.

The recommended temperature of storage/transportation is 10-30°C. If the temperature is not within the recommended limits, the following issues may occur:

- Decrease of dyne level
- Higher haze of the film
- Poor adhesion of the film surface that on a later stage could be an issue for laminating and printing
- Extremely low COF that can trouble further processing

Excessive humidity can be a reason for film blocking.

It is recommended that CPP film should be tempered at operating room temperature for 24 hours before use.

Adherence to the above mentioned storage conditions ensures that the film is suitable to be used within up to 6 months after production.

Claims regarding to the transportation are accepted within 1 week after the delivery date. If any, a record has to be taken in the CMR.

If any hidden defects occur, Plastchim-T AD may agree to refund the cost for up to 3 rolls from a certain order.

**Last update: 18<sup>th</sup> December 2016**