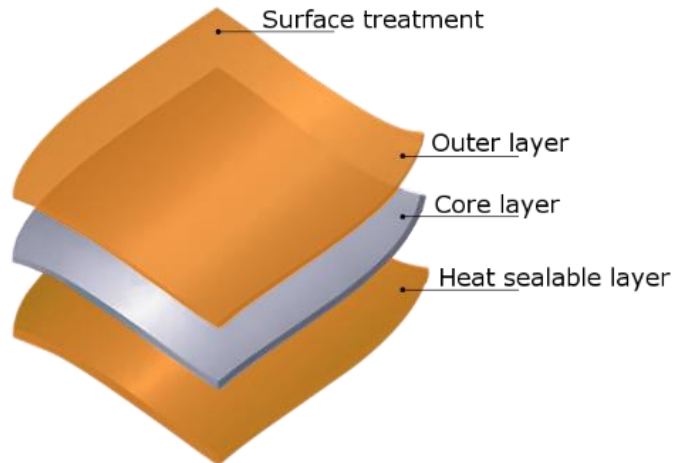




**PLPE** is polyethylene three layers blow film, designed for packing of food products and goods with general use. One side corona treated.



### TYPICAL APPLICATIONS

General purpose packaging  
Lamination  
High quality rotogravure and flexo printing

Properties	Test Methods	Deviation	Typical Values					
			30	35	40	50	60	70
Thickness $\mu\text{m}$			30	35	40	50	60	70
Average thickness deviation %		$\pm\%$	3	3	3	4	4	4
Yield, $\text{m}^2/\text{kg}$		$\pm 5\%$	36.2	31.1	27.2	21.7	18.1	15.5
Unit weight, $\text{g}/\text{m}^2$		$\pm 5\%$	27.0	32.4	36.4	46.2	55.2	64.8
Gloss ( $45^\circ$ )		$\pm 2$	57	57	57	57	57	57
Haze, %		$\pm 0.2$	10.0	10.0	10.0	11.0	13.0	15.0
Coefficient of Friction	ASTM D 1894		<0.3	<0.3	<0.3	<0.35	<0.35	<0.35
Dart drop		$\pm 10$	115	135	150	190	220	265
Elongation at break, %	ASTM D 882							
	MD		150	120	150	200	250	300
	TD		500	550	500	550	600	650
Tensile strength, MPa	ASTM D 882	$\pm 5$						
	MD		25	25	25	25	25	25
	TD		15	15	15	15	15	15
Surface treatment, dynes/cm	ASTM D 2578a		Min 36	Min 36	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.



### PACKING

<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

<b>Weight tolerance, depending on the order volume</b>	<b>Width tolerance</b>	<b>Length tolerance</b>
≤ 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 PLPE film should be tempered at operating room temperature for 24 hours before use.

Metalized films should be laminated because the metal 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 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: 15<sup>th</sup> September 2016**