

# Technical Data Sheet



**Product name:** *PVC TRASPARENTE LL*

**Description:** high impact strength  
thermoformable  
suitable for screen printing, UV offset and inkjet

**Quality segment:** Box film  
**Type:** PVC 385  
**Color:** 1-Blue, crystal clear-008  
**Surface:** Glossy / Glossy-00  
**Additional treatment:** No additional treatment-00

<b>Properties</b>	<b>Standard</b>	<b>Unit</b>	<b>Values</b>
Thickness base film	DIN 53370 / ISO 4593	µm	150 ... 600
Tolerance of Thickness	DIN 53370 / ISO 4593	%	-7,0 ... 7,0      200 µm -5,0 ... 5,0      201 ... 400 µm -4,0 ... 4,0      401 ... 600 µm
Density	DIN EN ISO 1183-2	g/cm <sup>3</sup>	1,31 ... 1,35
Tensile strength, min.	DIN EN ISO 527 test speed V 50 mm/min, measured lengthwise, depending on thickness	MPa	42
Impact strength, min.	DIN EN ISO 8256 measured lengthwise	kJ/m <sup>2</sup>	550
VICAT-softening point	DIN EN ISO 306 method B/50	°C	72 ... 76
Dimensional stability -longitudinal	DIN 53377 storage in oven at 140°C/10min	%	-12,0 ... 0,0      150 ... 200 µm -7,0 ... 0,0      201 ... 400 µm -5,0 ... 0,0      401 ... 600 µm
Dimensional stability -transverse	DIN 53377 storage in oven at 140°C/10min	%	-4,0 ... 4,0      200 µm -2,0 ... 2,0      201 ... 600 µm
Max. temperature load	without remaining change of sizes	°C	55
Surface tension, min.	DIN ISO 8296 measured with test inks	mN/m	32 ... 36
Surface reflexion, 20°	DIN 67530; ASTM D-523 measuring angle 20°	GE	100 ... 130

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Revision: 3/16.06.2020

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## **Regulatory:**

The product corresponds to:

- Respective regulations and directives for food contact
- Packaging requirements for heavy metals
- Supplementary confirmations to the above-named points can be issued on request.

## **Storage conditions:**

- Ideal storage conditions between 10 - 30°C (50 - 86°F)
- Ideal RH 40 - 70%
- Should not be stored in direct sunlight and avoid major thermal fluctuation
- Store in original packaging
- Before working up the films should be conditioned a minimum of 24 hours room temperature (15 - 30°C)
- recommended use of the material within one year of production date

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