

SICOPRINT 206_R1

Product name: *PVC trasparente LA*

Description: high impact strength
suitable for screen printing, UV offset and inkjet-UV
UV stabilized special quality for luminous boxes with sufficient ventilating

Quality segment: Print film
Type: PVC
Color: 1-Blue, crystal clear-000
Surface: Embossed/Glossy-00
Additional treatment: No additional treatment-00

Properties	Standard	Unit	Values
Thickness base film	DIN 53370 / ISO 4593	µm	150 ... 400
Tolerance of Thickness	DIN 53370 / ISO 4593	%	-10 ... 10 -7 ... 7 200 µm 201 ... 400 µm
Density	DIN EN ISO 1183-2	g/cm³	1,30 ... 1,34
Tensile strength, min.	DIN EN ISO 527 test speed V 50 mm/min, measured lengthwise, depending on thickness	MPa	45
Impact strength, min.	DIN EN ISO 8256 measured lengthwise	kJ/m²	550
VICAT-softening point	DIN EN ISO 306 method B/50	°C	74 ... 78
Dimensional stability -longitudinal	DIN 53377 storage in oven at 140°C/10min	%	-7,0 ... 0,0 150 ... 200 µm -5,0 ... 0,0 201 ... 400 µm
Dimensional stability -transverse	DIN 53377 storage in oven at 140°C/10min	%	-2,0 ... 2,0 150 ... 400 µm
Max. temperature load	without remaining change of sizes	°C	55
Cold Break Temperature	DIN EN 1876-2 drop-hammer method	°C	-25
Surface tension, min.	DIN ISO 8296 measured with test inks	mN/m	32 ... 36
Surface reflexion, 85°	DIN 67530; ASTM D-523 measuring angle 85° embossed side, upper surface	GE	20 ... 30

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Properties	Standard	Unit	Values
Surface reflexion, 20°	DIN 67530; ASTM D-523 measuring angle 20° glossy side, back surface	GE	60 ... 100
Surface roughness - Rz	DIN 4768 measured with MahrSurf M300, Lt 2,5	µm	6 ... 12
Tenability of outdoor use	measured in sun-tester	Jahr	0,5 ... 1,5

Regulatory:

The product corresponds to:

- Packaging requirements for heavy metals
- Supplementary confirmations to the above-named points can be issued on request.

Shelf life:

2 years in the original packaging.

Storage conditions:

Temperature between 15°C and 30°C and relative humidity between 40% and 60% - NO direct sunlight exposure.

03/04/2023