

NUDEC PC Prismatic

NUDEC[®]PC Prismatic sheets are clear transparent polycarbonate sheets with a patterned surface on one side. This product is a very good solution for indoor and outdoor lighting projects (UV protected version), as it disperses light evenly and efficiently. They offer a high impact strength and resist to a wide range of temperatures compared to other currently available products. In addition, they have an excellent fire resistance.

Characteristics

- Good light diffusion
- Excellent weathering resistance and UV stability (both sides UVP version)
- Resistant to a wide range of temperatures (up to 120 °C)
- High impact strength
- Excellent fire performance
- Thermoformable (pre-drying is required)

Technical data

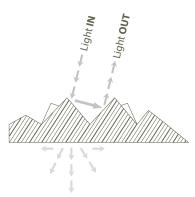
Polymer	Polycarbonate
Pattern	Ref. 16
Thickness	3,0 mm (± 5%)
THICKNESS	3,0 mm (± 5%)
Maximum width	1.250 mm
	11200
UV stability	Good (UVP version)
Impact resistance	Excellent
Maximum Operating Temperature	120 °C
	120 C
Softening temperature VICAT (50 N)	151 °C
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These data correspond to raw material values.





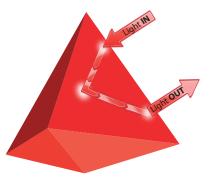
Cross section



Overhead view



Detailed view



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This information is based on present state of knwoledge, its purpose being to provide general information on our products and their application. For this reason it neither should be considered as a guarantee of specific properties of the products herein described nor as a statement of their suitability for certain particular uses.