PLEXIGLAS®

PLEXIGLAS®
Solid Sheet

Cast, fluorescent sheets

Product

The fluorescent PLEXIGLAS® sheet grades incorporate the latest generation of high-quality fluorescent colorants and constitute a natural, harmonious range of hues. This impressive play of colors is a source of inspiration for designers and creative minds, and irresistibly attracts the viewer's attention.

Properties

Besides the general properties of fluorescent PLEXIGLAS® like

- Excellent light transmission and brilliance
- 100% recycling ability
- Easy to fabricate
- Light weight – half the weight of glass
- 11 times more break resistant than glass

fluorescent PLEXIGLAS® possesses the following properties:

- Fluorescent coloring: UV and blue light is converted into glowing colors, for example, into green. No electrical power is needed for the sheet to glow.
- The use of high-quality fluorescent colorants makes for outstanding and enduring luminosity and superior colorfastness.
- Broad spectrum of green, red, orange and yellow tones
- The light-guiding properties of the transparent grades cause edges and routed areas to glow in ambient light.
- Large processing window for cast PLEXIGLAS®

Applications

People have always been fascinated by fluorescent colors because of their strong impact. That is why they are always used in places designed to arrest the eye, for example in

- Product displays
- Shopfitting
- Interior design
- Furniture
- Exhibition booth

Processing

Fluorescent PLEXIGLAS® can be machined with the same parameters and equipment as standard PLEXIGLAS®. The following fabricating guidelines are available:

- Machining of PLEXIGLAS® (No. 311-1)
- Forming of PLEXIGLAS® (No. 311-2)
- Joining of PLEXIGLAS® (No. 311-3)
- Surface treatment of PLEXIGLAS® (No. 311-4)
- Fabricating tips of PLEXIGLAS® solid sheets (No. 311-5)

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Product range

Fluorescent PLEXIGLAS® is available in the size 3050 x 2030 mm with a thickness between 3 and 20 mm.

For details please refer to the PLEXIGLAS® sales handbook.

Technical data

For typical data of fluorescent PLEXIGLAS® please see the Technical Information of PLEXIGLAS® GS/XT (211-1).

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Certified to DIN EN ISO 9001 (Quality) and DIN EN ISO 14001 (Environment)

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