

Lexan is a highly flame-retardant transparent polycarbonate which is available with diverse surface structures. It is ideal for use in graphic displays.



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PROPERTIES

- High processability particularly for warm forming
- Residue-free removal after use

DELIVERY SHAPES

- Roll with up to 1220 mm width
- Sheet
- Non tacky
- Tacky on one side
- Tacky on both sides
- Die cut parts
- Curved and bended
- With imprints

APPLICATION EXAMPLES

- Electrical insulation of:
- PCB boards
 - Backlight displays and circuit boards e.g. in airplanes
 - Office machines power supplies
 - Wall sections of computer housings
 - Graphic and TV screens

Technical Data Sheet

| Property | Unit | Lexan |
|--------------------|-------------------|------------------|
| Material | | Polycarbonate PC |
| Colour | | Transparent |
| Density | g/cm ³ | 1.32 |
| Thickness | mm | 0.25 |
| UL Flammability | UL 94 | V0 |
| RoHS Conformity | 2002/95/EC | Yes |
| Thermal | | |
| Melting Point | °C | 440 |
| Temperature Range | °C | up to +130 |
| Electrical | | |
| Breakdown Voltage | kV/mm | 59 |
| Volume Resistivity | Ohm/cm | 10 ¹⁴ |
| CTI | V | 3 |

All data without warranty and subject to change. Please contact us for further data and information.
Shelf life adhesive: 6 months when stored in original packaging at room temperature and 50% relative humidity.

Thicknesses: 0.25 mm. Other thicknesses on request

All technical data and information are without warranty and believed to be reliable and accurate corresponding to the latest data of the art. Since the products are not provided to conform with mutually agreed specifications, and their use and processing are unknown we cannot guarantee results, freedom from patent infringement, or their suitability for any application. Product testing by the applicant is recommended. We reserve the right of change.