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12" x 14", Uncoated Plastic Polycarbonate Window



Stock #71-540 **13 In Stock**

- 1 + MRP ₹13,519

i Price inclusive of all taxes

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| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-5 | ₹13,519 each |
| Qty 6-25 | ₹10,796 each |
| Qty 26-49 | ₹10,190 each |
| Need More? | Request Quote |

Product Downloads

General

Protective Window **Type:**

Physical & Mechanical Properties

274.32 x 320.04 **Clear Aperture CA (mm):**

12.00 x 14.00 ±0.010 **Dimensions (inches):**

| | |
|-----------------------|----------------------------|
| 304.80 x 355.60 ±2.54 | Dimensions (mm): |
| 0.060 ±0.003 | Thickness (inches): |
| 1.52 ±0.08 | Thickness (mm): |
| 12.00 | Length (mm): |
| 14.00 | Width (mm): |
| Protective as needed | Bevel: |
| Smooth, Machined | Edges: |

Optical Properties

| | |
|---------------|---|
| Uncoated | Coating: |
| Polycarbonate | Substrate: <input type="checkbox"/> |
| 1.585 | Index of Refraction (n_d): |
| 34 | Abbe Number (v_d): |
| 425 - 1600 | Wavelength Range (nm): |

Material Properties

| | |
|----|---|
| 68 | Coefficient of Thermal Expansion CTE (10⁻⁶/°C): |
|----|---|

Regulatory Compliance

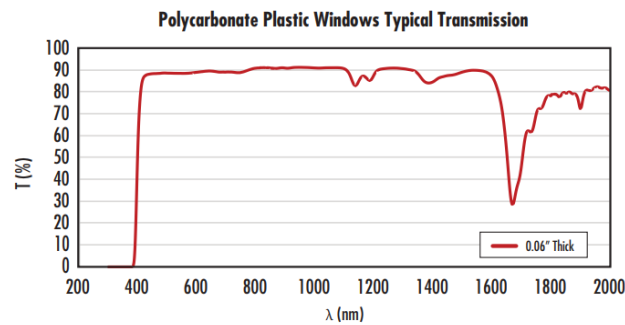
| | |
|---|------------------------------------|
| View | Certificate of Conformance: |
| United States | Country of Origin: |
| Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000 | Imported By: |

Product Details

- High Visible Light Transmission
- Excellent Thermal Stability
- Durable and Lightweight
- [Acrylic \(PMMA\) Plastic Windows](#) Also Available

Polycarbonate Plastic Windows are a lightweight alternative to glass windows. Combining durability and high transmission, these windows are an ideal cost-effective solution for harsh environments and displays. Compared to PMMA acrylic windows, polycarbonate windows are more impact resistant and stronger but are more susceptible to scratches. Polycarbonate Plastic Windows feature lower water absorption and a higher softening temperature than PMMA, but their higher index of refraction leads to higher Fresnel reflections without AR coatings. Their strength and stability make these windows ideal for use in medical and industrial applications.

Technical Information



Typical Transmission of Plastic Windows



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