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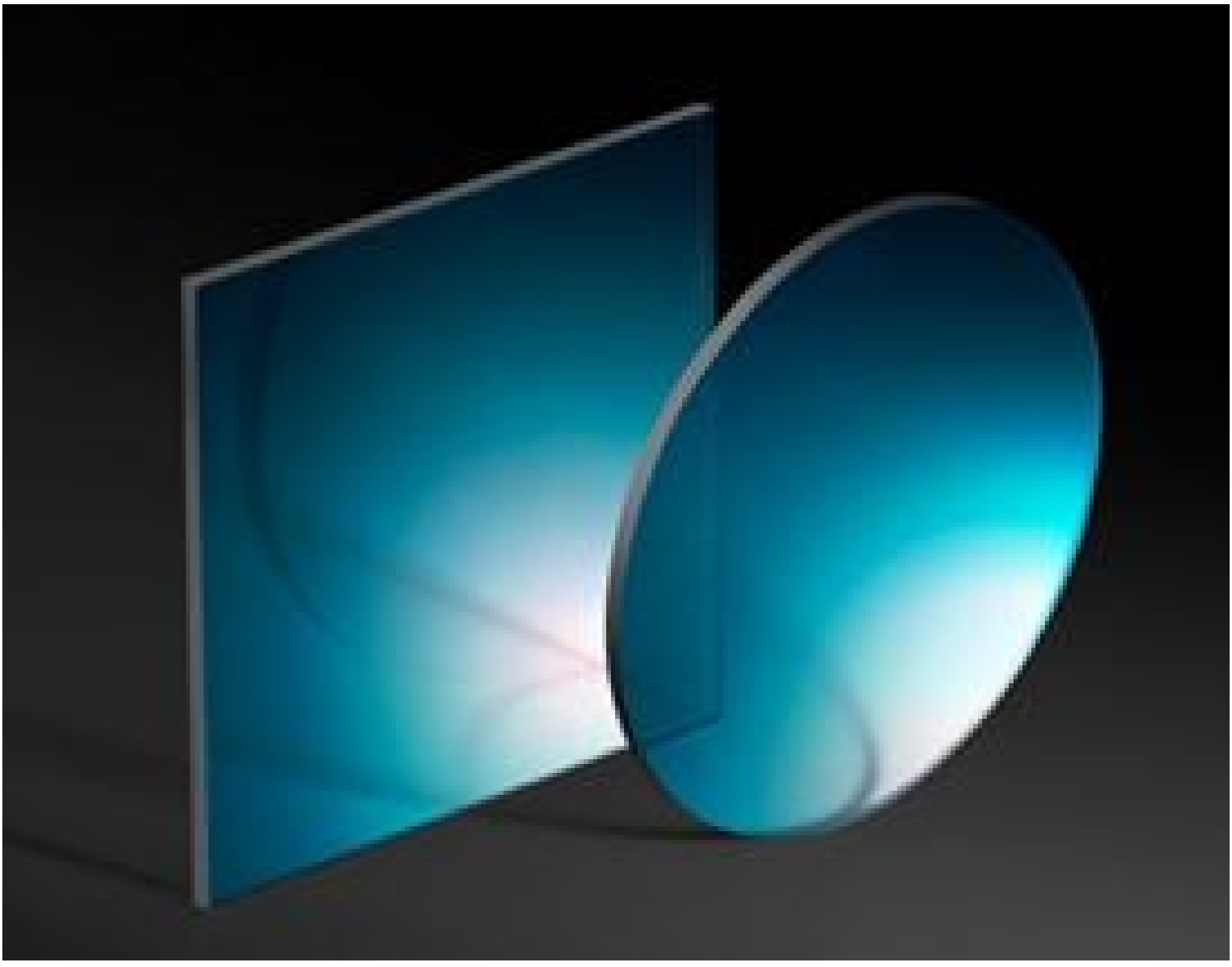
2.5" Diameter, Uncoated Plastic Polycarbonate Window



Stock **#71-537** **13 In Stock**

- 1 + **₹2,705**

Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	**₹2,705** each
Qty 6-25	**₹2,164** each
Qty 26-49	**₹2,034** each
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General

Type:
Protective Window

Physical & Mechanical Properties

Clear Aperture CA (mm):
57.15

Diameter (inches):
2.50 ±0.010

Diameter (mm): 63.50 ±2.54	**Thickness (inches):** 0.060 ±0.003
Thickness (mm): 1.52 ±0.08	**Bevel:** Protective as needed
Edges: Smooth, Machined	

Optical Properties

Coating: Uncoated	**Substrate:** Polycarbonate
Index of Refraction (n_d): 1.585	**Abbe Number (v_d):** 34
Wavelength Range (nm): 425 - 1600	

Material Properties

Coefficient of Thermal Expansion CTE (10^{-6}/°C):
68

Regulatory Compliance

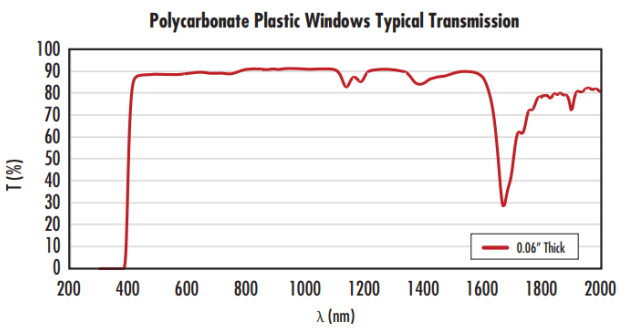
Certificate of Conformance: View	
Country of Origin: United States	
Imported By: Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	

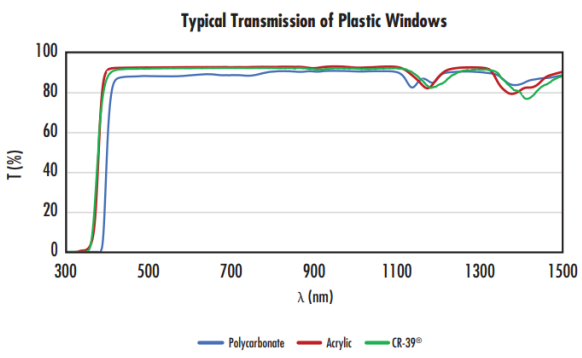
Product Details

- 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





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