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12" x 14", Uncoated Plastic Acrylic Window



Stock #71-545 **14 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
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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:
PMMA	Substrate: <input type="checkbox"/>
1.49	Index of Refraction (n_d):
58	Abbe Number (v_d):
400 - 1600	Wavelength Range (nm):

Material Properties

60	Coefficient of Thermal Expansion CTE (10⁻⁶/°C):
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Regulatory Compliance

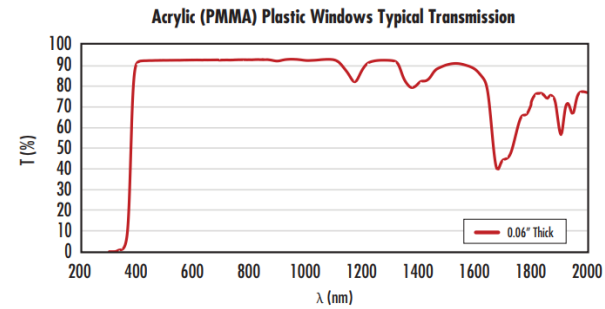
View	Certificate of Conformance:
United States	Country of Origin:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	Imported By:

Product Details

- Highly Scratch-Resistant
- High Visible Light Transmission
- Cost-Effective Alternative to Glass
- [Polycarbonate Plastic Windows](#) Also Available

Acrylic (PMMA) Plastic Windows are ideal for integration into lightweight optical systems. Compared to polycarbonate windows, acrylic windows are more scratch resistant and can be polished to restore optical quality but are more likely to chip or shatter. Acrylic (PMMA) Plastic Windows also provide a higher UV light transmission than polycarbonate and are recyclable. Acrylic windows are used in a wide variety of industrial and medical applications including aircraft windows, automobile headlights, and ophthalmological devices.

Technical Information



Typical Transmission of Plastic Windows



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