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## 8" x 10", Uncoated Plastic Acrylic Window



Stock #19-640 **14 In Stock**

MRP ₹8,576

**i** Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹8,576 each
Qty 6-24	₹6,861 each
Qty 25-49	₹6,457 each
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### Product Downloads

#### General

Protective Window **Type:**  
Plastic **Type of Window:**

#### Physical & Mechanical Properties

182.88 x 228.60 **Clear Aperture CA (mm):**

8.00 x 10.00 ±0.010	<b>Dimensions (inches):</b>
203.2 x 254.0 ±0.254	<b>Dimensions (mm):</b>
0.06	<b>Thickness (inches):</b>
1.52 ±0.1	<b>Thickness (mm):</b>
202.30	<b>Length (mm):</b>
254.00	<b>Width (mm):</b>
Protective as needed	<b>Bevel:</b>
Smooth, Machined	<b>Edges:</b>

## Optical Properties

Uncoated	<b>Coating:</b>
PMMA	<b>Substrate:</b> <input type="checkbox"/>
1.49	<b>Index of Refraction (n<sub>d</sub>):</b>
58	<b>Abbe Number (v<sub>d</sub>):</b>
400 - 1600	<b>Wavelength Range (nm):</b>

## Material Properties

60	<b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b>
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## Regulatory Compliance

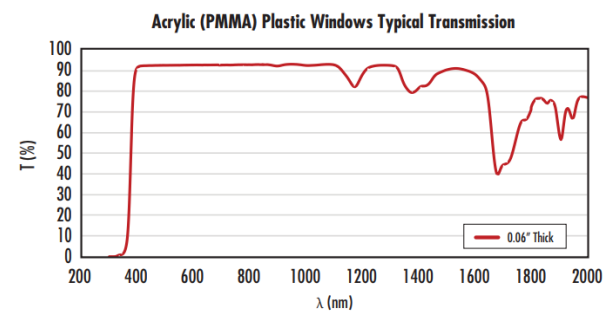
<a href="#">View</a>	<b>Certificate of Conformance:</b>
United States	<b>Country of Origin:</b>
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	<b>Imported By:</b>

## 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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