

## Polycasa Lumina CAST PMMA

Category : Polymer , Thermoplastic , Acrylic (PMMA)

### Material Notes:

QUINN CAST lumina has even transmission of light across the whole surface when the sheet is illuminated through its edges. QUINN CAST lumina allows a reduction in final frame dimensions. Perfect for use in ultra-slim frames, allowing slim fluorescent tube fitment. QUINN CAST lumina is suitable for use with any light source - tubes, LEDs, CCFLs and optical fibers. Ultra-slim frames Urban displays, such as bus shelters and poster mounts Double-sided poster frames Safety signage Decorative lighting Quinn Manufacturing Group rebranded its Plastics Division as Polycasa in 2013.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polycasa-Lumina-CAST-PMMA.php](http://www.lookpolymers.com/polymer_Polycasa-Lumina-CAST-PMMA.php)

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0430 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Modulus of Elasticity	3.30 GPa	479 ksi	ISO 527
Charpy Impact Unnotched	1.50 J/cm <sup>2</sup>	7.14 ft-lb/in <sup>2</sup>	ISO 179

Thermal Properties	Metric	English	Comments
CTE, linear	70.0 µm/m-°C	38.9 µin/in-°F	ISO 11359-2
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Vicat Softening Point	115 °C	239 °F	ISO 306 A50

Descriptive Properties	Value	Comments
Curvature Thermoforming	110-130°C	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China