

# PLAZGLAS

Transparent Polystyrene Sheets

**PLAZIT**  
2001

Plastic Solutions

## PLAZGLAS

Transparent Polystyrene Sheets

Plazglas is a transparent Polystyrene sheet, economical and easy to process, used in many indoor and some outdoor applications.

### Qualities

- ◆ Good transparency
- ◆ Cost effective
- ◆ Easy to thermoform

### Applications

- ◆ Shower cabinets
- ◆ Indoor glazing
- ◆ Double glazing
- ◆ Room dividers
- ◆ Display cabinets
- ◆ Greenhouses

### Standard Sales Options

#### Colours:

Transparent  
Translucent  
Opal  
Bronze  
Grey

### Structure & Size

#### Flat Plazglas

#### Standard Sizes Plazglas Sheets

	Minimum	Maximum
Thickness	1.20 mm	7 mm
Width	600 mm	2050 mm
Length	500 mm	6000 mm

### Embossed Plazglas Sheets:

#### Patterns:

Cracked Ice  
Prismatic K12  
Pinpoint  
MasterCarre  
Aqua

#### Standard Sizes of Plazglas Embossed Sheets

	Minimum	Maximum
Thickness	2 mm	6 mm
Width	600 mm	1500 mm
Length	500 mm	6000 mm

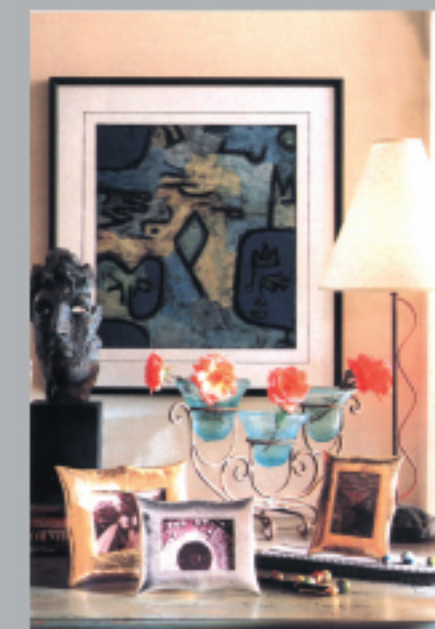
### Non-reflect Plazglas sheets:

Sheets for glazing pictures, prevent light reflection and fading of pictures.

### Standard Sizes of Non-reflect Plazglas Sheets

	Minimum	Maximum
Thickness	1.25 mm	3 mm
Width	600 mm	1500 mm
Length	600 mm	3050 mm

- ◆ Tolerance of dimensions and thickness of all Plazglas sheets are in accordance with ISO standards.
- ◆ All Plazglas sheets are masked with a protective polyethylene film on both sides.
- ◆ Plazglas embossed sheets are covered with polyethylene film on one side only.
- ◆ For special sizes and tolerances of up to 0.5 mm, sheets can be ordered cut-to-size.



### Properties of Plazglas

	Test method ISO	Units	Value
Specific Gravity	R 1183	g/cm <sup>3</sup>	1.05
Refractive Index	R 489		1.59
Light Transmission		%	90
Flammability	UL94	class	HB
Tensile Strength	R 527	MPa	55
Elongation at Break	R 527	%	3
Flexural Modulus	R 178	MPa	3300
Flexural Strength	R 178	MPa	80
Rockwell Hardness	ASTM D785	R-scale	105
Izod Impact Strength, notched	R 180 4a	KJm <sup>2</sup>	1.5
Vicat softening temperature (50° C/h 50N)	R 306	°C	89

The information and recommendations in this publication are accurate and reliable to the best of our knowledge, however users should perform their own tests to determine the suitability of these products for their own particular purposes.

For further information please contact our distributors or Plazit 2001 directly.

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Kibbutz Gazit, D.N. Yizreel, 19340, Israel, Tel: 972-4-6628888, Fax: 972-4-6765784, E-mail: plazit@plazit.com  
www.plazit.com