



E-Catalog 2025
ExperienceTheExcellence

At G-Crystal, we invite you to experience the excellence of our products and services, at our Cairo-based factory, we consistently deliver top-tier quality products, proudly Made in Egypt, setting the definitive standard for excellence in polycarbonate sheet manufacturing across Europe, the Middle East, and Africa.

We take immense pride in crafting polycarbonate premium sheets that epitomize exceptional quality, durability, and versatility. Thanks to our advanced manufacturing facilities in Egypt, coupled with our highly skilled workforce, sustainable practices, and competitive pricing, we are positioned as a leading producer of premium polycarbonate sheets that meet world-class standards.

Our future success hinges on our ability to foresee and navigate both opportunities and risks. At G-Crystal, we are committed to conducting thorough analyses of local and international markets, strategically allocating our resources, and developing plans that align with our insights.

Crucially, we prioritize enhancing the skills of our team, ensuring we are well-equipped to lead and innovate in our industry.

The Board of Directors, Message

- **Core Values:** Integrity, credibility, diligence, commitment, and eminence are the cornerstones guiding every decision and action we take.
- **Visionary Leadership:** Our aspiration is to become a leading global company in the polycarbonate industry, reshaping industry standards through exceptional product delivery.
- **Mission for Excellence:** We are committed to achieving unparalleled excellence through a blend of humility and unwavering commitment. Our sheets are crafted from 100% virgin material, utilizing state-of-the-art technology and equipment, ensuring they are environmentally friendly and premium in quality.
- **Skilled Workforce and Expert Management:** Our highly skilled workforce and expert management play a pivotal role in ensuring that each sheet not only meets but exceeds international standards for performance and reliability.

Journey is defined by

We go above and beyond to exceed customer expectations, locally and globally with our industry-leading 10-year guarantee, you can trust and rely on our brands for your projects.

Our cutting-edge manufacturing utilizes premium raw materials, advanced UV-PC co-extrusion technology, and a dedicated production line to ensures unrivaled efficiency, precision, and consistent quality, meeting diverse customer demands for specific thicknesses and textures.

With G-Crystal's rigorous standards, we guarantee durability and customization options that set new benchmarks for versatility, aesthetic appeal, and durability to assure you experiencing the excellence..

Everyday



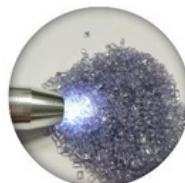
Brands

<https://www.gcrystal-pc.com/>

Choosing 100% virgin material for our polycarbonate sheets is a testament to our commitment to quality, reliability, sustainability, and customer satisfaction.

It ensures that our products consistently meet the highest standards of performance and durability, making them the ideal choice for a wide range of applications

Enduring UV Resistance and Reliability: Infused with cutting-edge UV-resistant materials, our sheets are designed for long-term performance and reliability, even in the harshest environmental conditions



Materials

Products



Polycarbonate Premium Sheets

Solid polycarbonate (PC) sheets offer a combination of strength, clarity, and versatility, making them a preferred choice for applications that require high performance and durability.

- Light Transmission: Typically 80-92%
(varies with thickness and color)
- UV Protection: Any thickness, can be added
- Material: 100% virgin Covestro/Sabic polycarbonate resin.
- Thickness: 1.– 10 mm
- Width & Length: Customized
- Warranty: 10-Year
- Technology: Co-extrusion
- Fire Rating: Class B1 (DIN 4102), UL 94 V-2
- Weather Resistance: Excellent, with UV stabilizers to prevent yellowing and degradation



Free samples are available to order



Structural durability



Sound Insulation



Extremely lightweight



Flame resistance



Thermal insulation



Color: Transparent, Bronze, Blue, Orange, Green, Yellow, Turquoise, Opal and Red
Price term: EXW/FOB

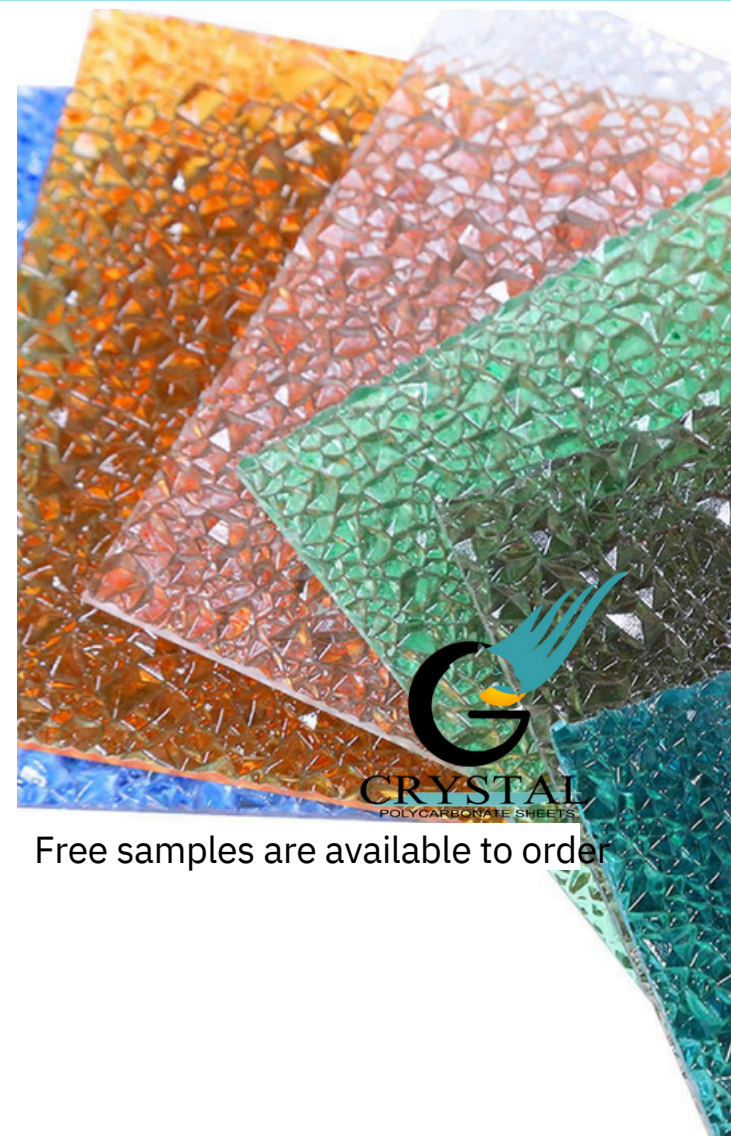
Solid polycarbonate (PC) sheets

Embossed polycarbonate (PC) sheets combine the high-performance characteristics of polycarbonate material with the added aesthetic and functional benefits of an embossed surface. These sheets are widely used for their strength, durability, and unique appearance

- Light Transmission: Typically 80-88%

(varies with pattern and color)

- UV Protection: Any thickness, can be added
- Material: 100% virgin Covestro/Sabic polycarbonate resin
- Thickness: 1.5 – 6 mm
- Width & Length: Customized
- Warranty: 10-Year
- Technology: Co-extrusion
- Available in three options: Crystal, Prismatic & Diva.
- Fire Rating: Class B1 (DIN 4102), UL 94 V-2



Free samples are available to order



Structural durability



Sound Insulation



Extremely lightweight



Flame resistance



Thermal insulation



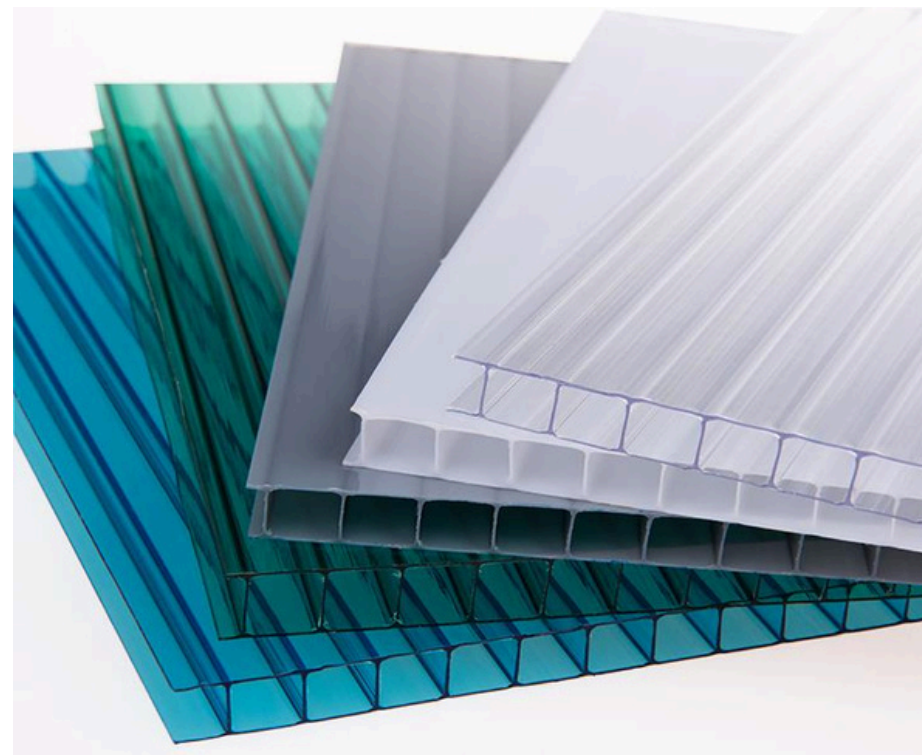
EASY TO
INSTALL

Color: Transparent, Bronze,
Blue, Orange, Green, Yellow,
Turquoise, Opal and Red
Price term: EXW/FOB

Embossed polycarbonate (PC) sheets

Hollow polycarbonate (PC) sheets “twin-wall” are lightweight, durable, and offer excellent thermal insulation properties. These sheets are characterized by their hollow structure, which consists of multiple layers separated by air gaps.

- Light Transmission: 60% to 85%,
(depending on thickness and color)
- UV Protection: Any thickness, can be added
- Material: 100% virgin Covestro/Sabic polycarbonate resin
- Thickness: 1.– 10 mm
- Width & Length: Customized
- Warranty: 10-Year
- Technology: Co-extrusion



Free samples are available to order



Structural durability



Sound Insulation



Extremely lightweight



Flame resistance



Thermal insulation



Color: Transparent, Bronze, Blue, Orange, Green, Yellow, Turquoise, Opal and Red
Price term: EXW/FOB

Hollow polycarbonate (PC) sheets



U-shaped polycarbonate profile



H-shaped polycarbonate profile



HCP polycarbonate profile

Accessories

Logistics

With G-Crystal's rigorous standards and ISO 9001 certified,
We guarantee secure shipping capabilities ensure worldwide delivery.



Logistics

	PC Sheets		
	Solid	Embossed	Hollow
Garden House	Windows and doors, Roof panels, Wall panels	Decorative panels, Privacy windows, Roof panels	Roof panels, Wall panels, Insulation
Green House	High clarity windows, Structural panels	Diffused light panels, Decorative elements	Roofing, Walls, Insulation
Overpass	Safety barriers, Sound barriers, Canopies	Anti-glare panels, Decorative panels	Roofing, Walls, Insulation
Skylight	Clear or tinted skylights, Safety glazing	Textured skylights, Light diffusers	Multi-wall skylights, Thermal insulation
Awning	Transparent or tinted covers, Durable panels	Decorative and diffusing covers, Privacy panels	Lightweight covers, Insulating panels
Stadium Roof	Impact-resistant panels, Clear or tinted covers	Light-diffusing panels, Aesthetic elements	Lightweight roofing, Insulation
Sound Barrier	Noise reduction panels, Clear or tinted barriers	Decorative and diffusing barriers, Privacy panels	Multi-wall barriers, Thermal insulation
Anti-Riot Shield	High impact resistance, Clear shields	Textured for grip, Impact resistance	Not typically used
Bending Gates	Durable and flexible panels, Clear or tinted	Decorative panels, Anti-glare elements	Lightweight panels, Thermal insulation
Fences	Strong and durable, Transparent or tinted	Decorative and privacy panels, Light diffusing	Lightweight and insulating panels, Multi-wall
Bus Shelters	Clear or tinted panels, Weather resistant	Anti-glare panels, Decorative panels	Lightweight panels, Insulating panels
Interior Partitions	Clear partitions, Privacy screens	Decorative panels, Textured partitions	Lightweight partitions, Insulating partitions
Signage	Durable and clear panels, Backlit signs	Textured and decorative signage, Light diffusing	Lightweight signage, Insulating backlit signs
Swimming Pool Covers	Transparent or tinted covers, Durable panels	Anti-glare covers, Decorative elements	Lightweight covers, Thermal insulation
Lighting Fixtures	High clarity panels, Impact-resistant diffusers	Textured diffusers, Decorative lighting	Lightweight diffusers, Insulating panels
Machine Guards	High impact resistance, Clear guards	Textured for visibility, Impact resistance	Not typically used
Industrial Roofing	Durable and weather-resistant panels, Clear or tinted	Decorative and diffusing panels, Privacy panels	Lightweight and insulating panels, Multi-wall
Sunrooms	Clear or tinted panels, High clarity windows	Textured panels, Decorative elements	Lightweight roofing, Insulating panels
False Ceilings	Durable and clear panels, Lightweight	Decorative and diffusing panels, Privacy panels	Insulating panels, Multi-wall
Conservatories	High clarity windows, Durable panels	Decorative and diffusing panels, Light diffusing	Roofing, Walls

***The applications listed are based on common uses and industry standards.

Unmatched Polycarbonate Applications Blueprint.

Manufactured with World-Class Quality in Egypt

10

Years of Experience

37548

Successful Deals Made

48

Partners Worldwide

We are committed to produce Premium Polycarbonate Sheets & provide high quality services and products, on time and within budget and because of this, our client base continues to grow. We are proud to have the skills, resources and expertise, and most importantly, the ability and the will to deliver with the highest standards, and on time. To offering competitive pricing ensures that our high-quality polycarbonate sheets are accessible to a wide range of markets, making world-class quality affordable.

Experience The Excellence



We value your insights and feedback

Scan the QR code below

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