



G Crystal Plastic Industries, is a world leader in the manufacture of polycarbonate sheets with the process of industrial drawing. Founded in 2014 in Giza Governorate, Egypt, and it has become special leader in the manufacture and production of Hollow, solid and crystal sheets in Egypt and the Middle East, by focusing on modern technologies, distinctive competencies and a supportive environment for innovation and creativity.

www.gcrystal-pc.com





G CRYSTAL PLASTIC INDUSTRIES S.A.E

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WHO ARE WE .. ?

G Crystal Plastic Industries, is a world leader in the manufacture of polycarbonate sheets with the process of industrial drawing. Founded in 2014 in Giza Governorate, Egypt, and it has become a leader in the manufacture and production of Hollow, solid and crystal sheets in Egypt and the Middle East, by focusing on modern technologies, distinctive competencies and a supportive environment for innovation and creativity.

The G crystal sheets are mainly designed from polycarbonate to suit a variety of applications in different markets that include construction and advertising projects greenhouses and safe alternatives to glass applications. All of this is done in accordance with ISO 9001-2015 quality standards, and also environmental and occupational health and safety standards.

Also using 100% virgin material, and the product passes a number of tests by our experienced operators in order to ensure high quality with the use of UV treatment to protect from harmful sunlight and Ultra-Violet rays, while ensuring that all colors and sizes are available.

Our Vision :

We seek to add the sustainable value of the polycarbonate sheets industry through an innovative quality-based environment to place us among the best international companies to meet the desires and satisfaction of customers through creative teams and partners .

Our Mission :

We, G Crystal Plastic Industries Company, are interested in manufacturing polycarbonate sheets in all its forms and types in order to develop the local and international market by spreading the culture of using polycarbonate as a safe and good alternative to glass and also expanding its range of uses in many applications.

To this end, we take the best of the world in terms of expertise, administrative systems and modern production lines, and apply the highest standards of quality in all stages of production through professional work teams working in an innovative environment with a clear vision and a value system that takes into account the interests of our customers and our business partners.

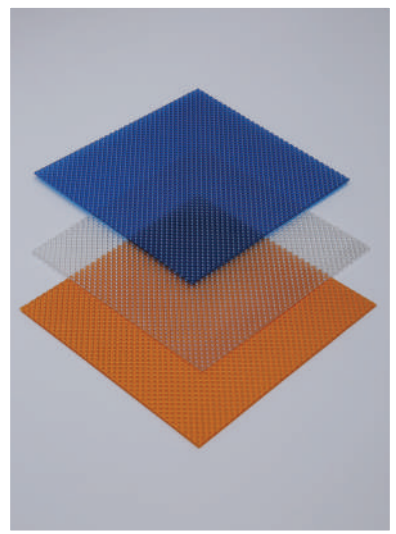
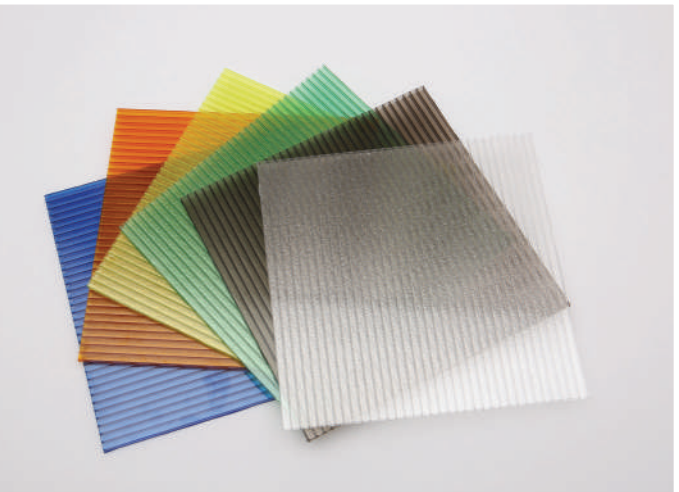
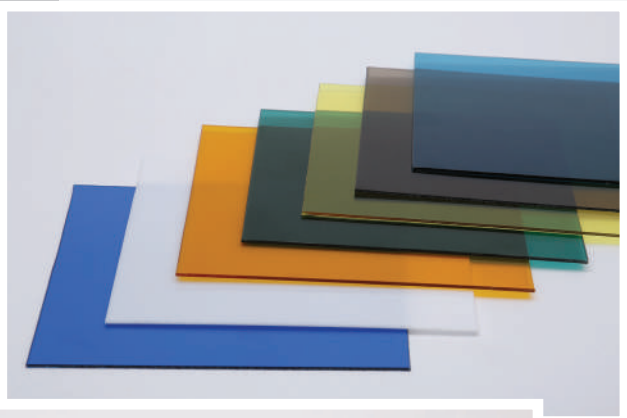
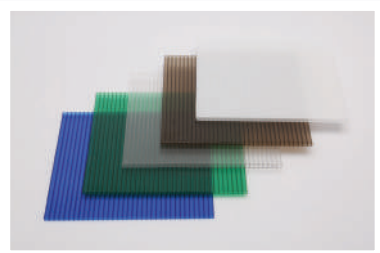
We emphasize that we use 100% pure raw materials that are environmentally friendly, treated with UV resistance and harmful UV rays, which will reflect on the sustainable development of our societies for a better life.



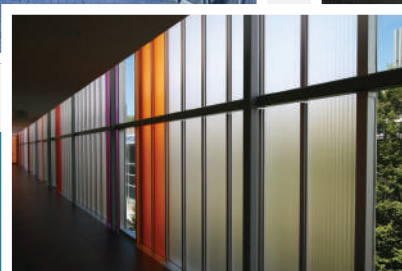
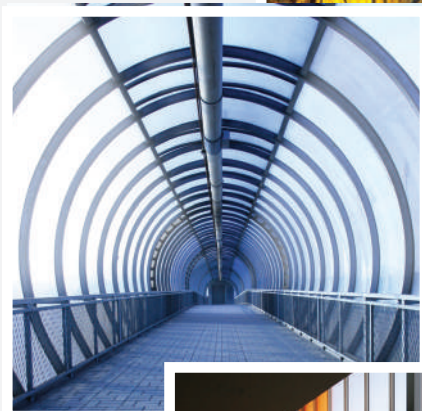
Values :

- Credibility
- Transparency
- the responsibility
- Cooperate
- The initiative
- Devotion

Materials Used :

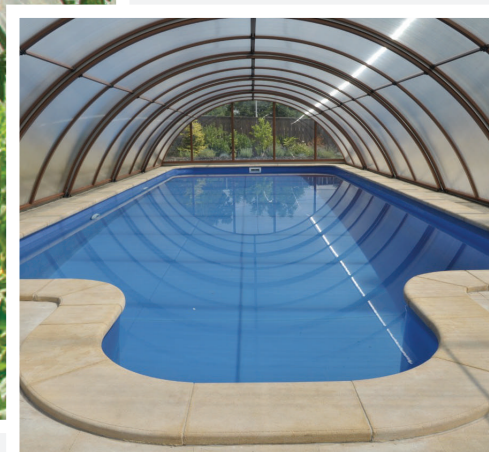


Areas of Usage :



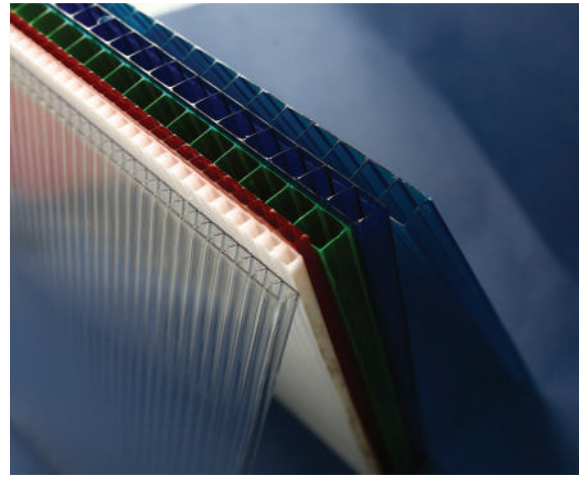
Products Overview

Polycarbonate is known for its many advantages of durability, soundproof, transparency, light transmittance and non-flammability, an inappropriate media for bacteria to grow. Through testing by National Center for Quality Supervision & Testing of Fire Building Materials, Each behavior of the material conform to the standard of difficult-flammability material. PC sheet is rated Class B1 according to QB8624-1997.



Polycarbonate Hollow sheets

The polycarbonate hollow sheet is manufactured using latest technologies with quality basic materials. These sheets are widely used in different areas such as stadium, malls, offices, railway stadium and more. One major benefit of using these polycarbonate sheets is that they are far better than conventional glass and other acrylic material. They are very lightweight, strong, insulating and attractive sheet, which is preferred for roofing and cladding.



In the Hollow, we can manufacture different weights for the same thickness to a minimum certain level in which the sheets still keeps its characteristics all upon customer's request.

THERE ARE TWO TYPES :

Normal & Frosted	
THICKNESS	4-10 MM
COLORS	All color AVAILABLE (opal & yellow & blue & green & orang &...etc.)

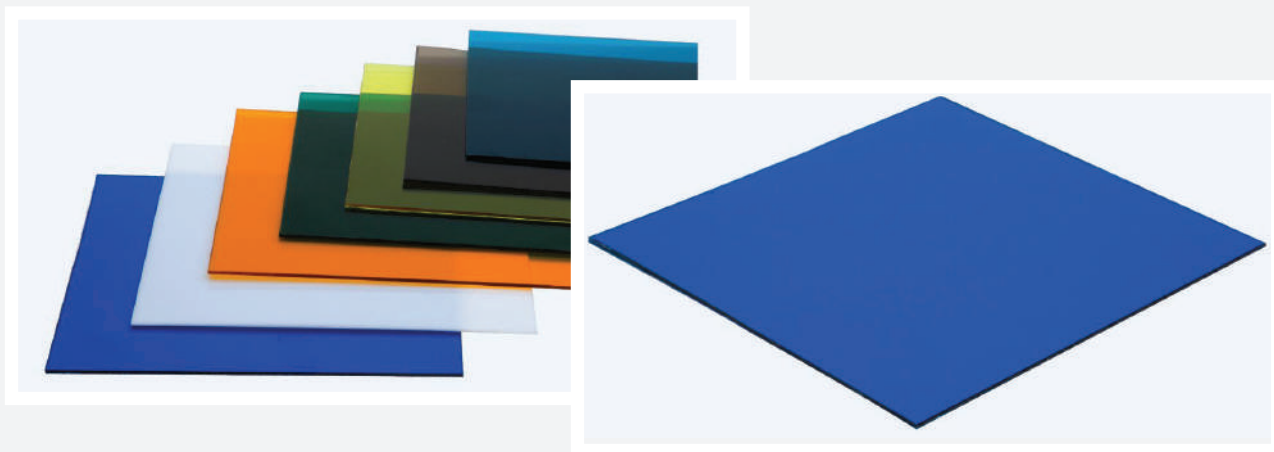
Polycarbonate Hollow sheets applications :

- Wall and roof of greenhouse, department stores, exhibition centers, telephone booth, insulation shield in express ways and highways .
- Office buildings , hotels, villas, stadiums, schools, bus stop, terminals, hospitals, subway entry and exit doors.
Sunshades for stadiums and bus shelters.
- Lighting for corridors, passages and subways entries.
- Bank ATMs.
- Sound and heat insulation for constructions such as: houses .
- Canopies for agricultures greenhouses, Zoos.
PC sheets mainly used for building and decorating materials, greenhouses materials , and the block of insulation materials .

Polycarbonate Solid Sheets

Solid polycarbonate sheets combines ultra-high impact resistance with clarity, making it the material of choice for demanding applications. It is virtually unbreakable, yet it is transparent as glass at less than half its weight. Solid sheets be cold bent and easily fabricated and formed, making it ideal for barrel vault roofing, skylights, architectural roofing and glazing.

Clear, translucent and opaque solid sheets are also ideal as machine guards, sound barriers, anti-vandal and safety glazing.



THICKNESS

1.3 - 12 mm

COLORS

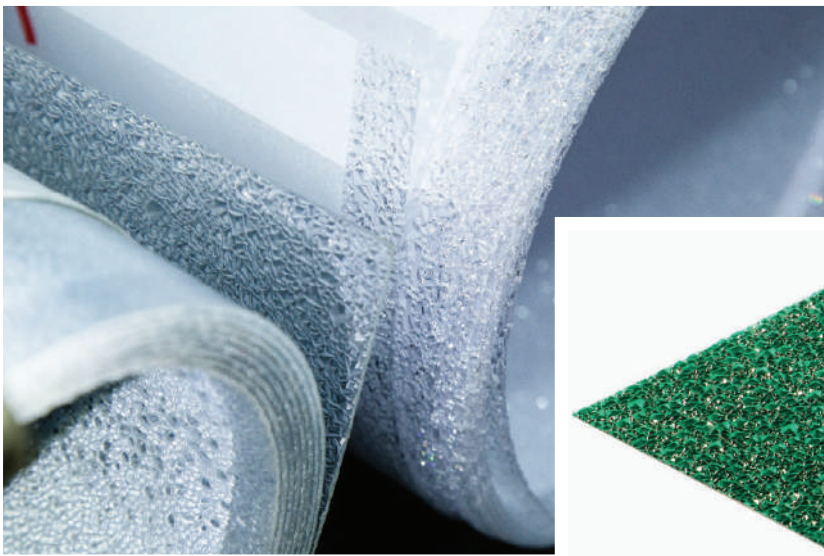
All color AVAILABLE (opal & yellow & blue & green & orange &...etc.)

Polycarbonate Solid sheets applications :

- PC Solid sheets can be used for home garden greenhouse.
- Stadiums, industrial plants, warehouses and utilities ceiling lighting Subway, station entrances, corridors, walkways shed light shade Parking, bicycle shed, residential home storm canopy lighting Agricultural greenhouse.
- Home balcony, office space, cut off.
- The modern highway, light rail and urban elevated road noise barriers the bank security counters, jewelry store anti-theft window.
- Panel advertising light box, advertising display card, bus shelter light boxes.
- Inter-site management, equipment safety shield.

Polycarbonate Embossed sheets

The polycarbonate sheets come in a wide range of shapes and designs. Most of these materials are known for their good thermal and electrical insulation capability, optimum clarity, high temperature tolerance, etc. Like other types of polycarbonate materials, embossed polycarbonate sheets can either be cold curved or cold bent into different shapes.



THERE ARE TWO TYPES :

Crystal & Prismatic

THICKNESS

2-10 mm

COLORS

All color AVAILABLE (opal, yellow, blue, green, orange &...etc.)

Polycarbonate Embossed sheets applications

- Embossed sheet is widely used for dormer windows, skylight, extended porches and greenhouses, commercial spaces in hotels, coffee shops, boutiques and beauty parlor, exhibition center and telephone booth.
- Sound insulation wall for freeways, high-speed railway.
- Sign boards for advertising.
- Decoration lighting in banks, hospitals, airports, bus, railway stations and kindergartens.
- Non-toxics, keeping in touch with the food.
Substitution of the ordinary glass in many places.

**You will find these sheets very easy to handle and install.
Some major property of these sheets includes:**

- High impact resistance
- Weather resistant
- High heat and sound insulation
- Long life span
- Excellent light transmission up to 88 % (10 mm)
- Large dimensions
- Excellent resistance to chemicals
- Transparent
- UV protection
- Temperature resistant
- High resistance to mechanical loading
- Light-weight
- Easy to install
- Superb thermal insulation

After viewing our product range, we welcome the opportunity to receive your valuable inquiries and we are ready to send some samples to your esteemed firm to be approved from your side that enabling our both companies to examine all possibilities of interacting together.
The standard size for sheets is (580 CM * 210 CM)

Brands:

All our products are supplied with our branded protection PE films (Golden, Deluxe, pure & brilliant)



We thank you for giving us the opportunity to be introduced to your firm and we are much keen to prolong close business relationship between our both companies.

Achievements :

The company has achieved ISO 9001 verification consistently which is one of the stiffest and most accepted standards in industry.



Proudly Made In Egypt



EXHIBITIONS AND EVENTS :



Canton - April 2019



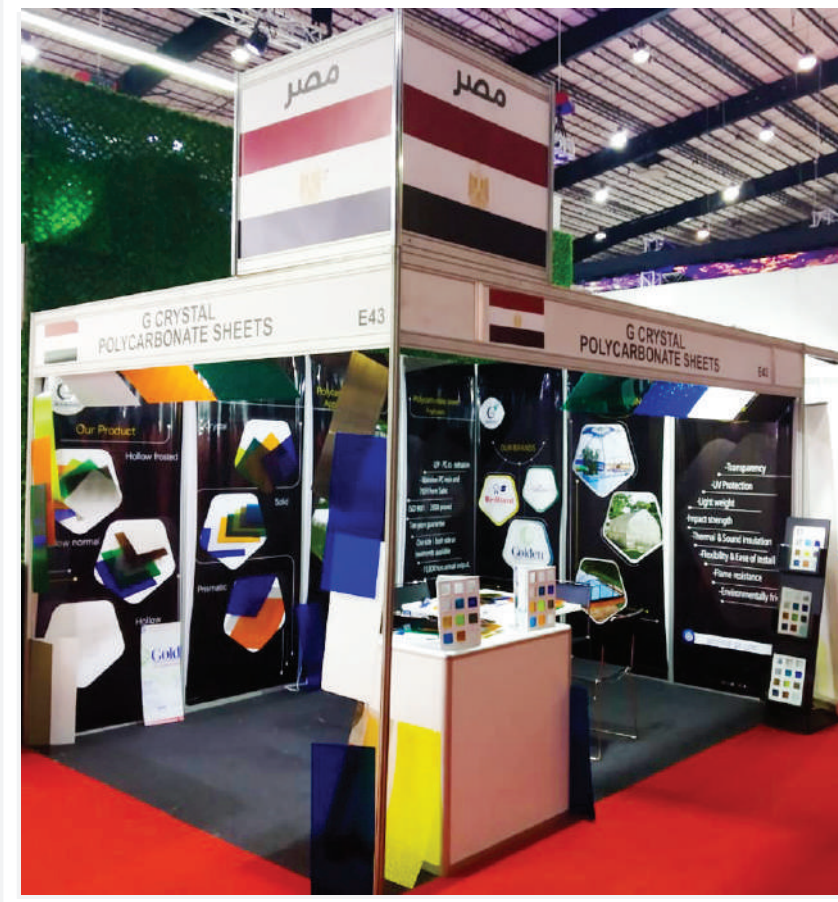
Egypt Project - Mars 2020



Ghana - November 2018



kenya - September 2018



Lebanon - June 2019



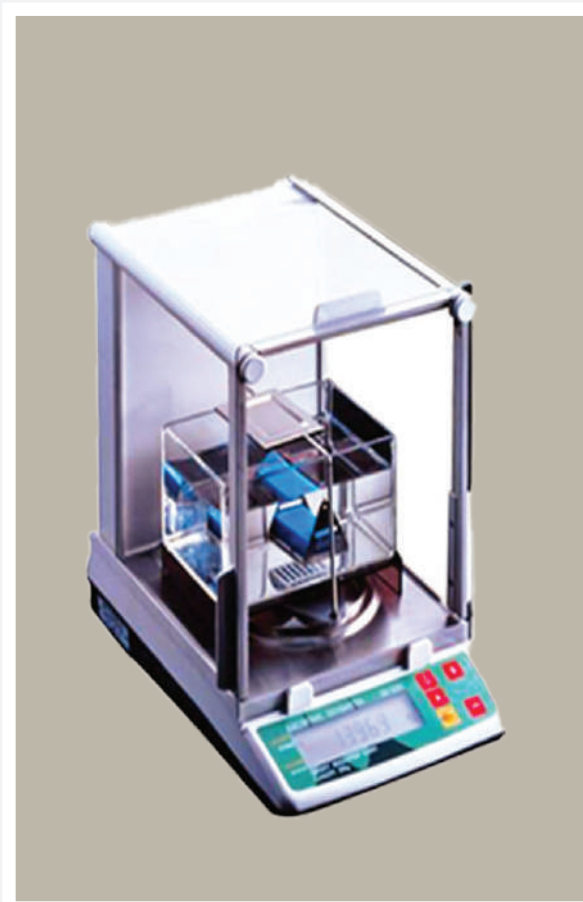
South Africa - June 2019

INTERNAL LAB (ARND)

In our factory, a great care is taken to each sheet of our products as it passes through numbers of rigorous testing by our operators who have many years of extrusion in order to ensure its high quality.

DEVICE FOR PREPARING PLASTIC SAMPLES DVT NP CNC

Used to prepare test samples from plastics, pipes, laminated products etc. Used to cut samples using CNC technique.

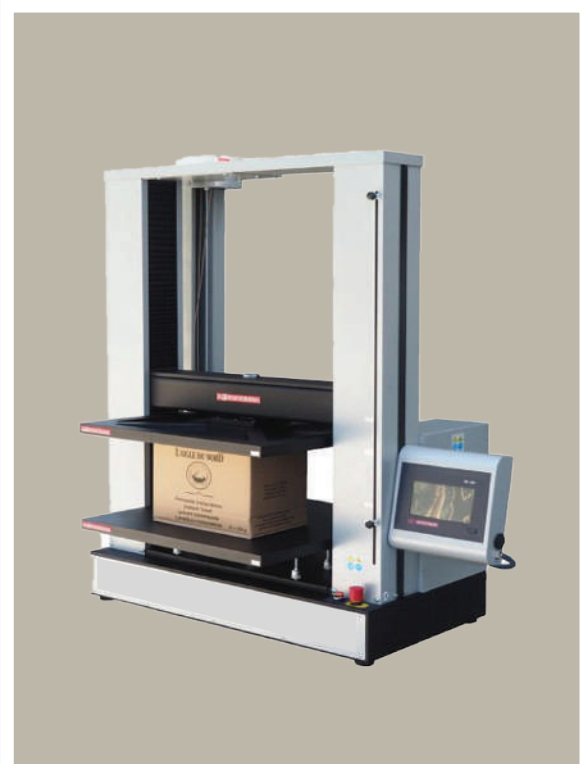


Densimeter - SD-200L

is top of the line Densimeter with 0.0001 Density, for measuring solid and liquid specific gravity.

Touch screen MELTFLOW Indexer (MFI)

used in the measurement of the flow of melted plastic, It gives a quantitative value for the plastic's flowing capacity injection.

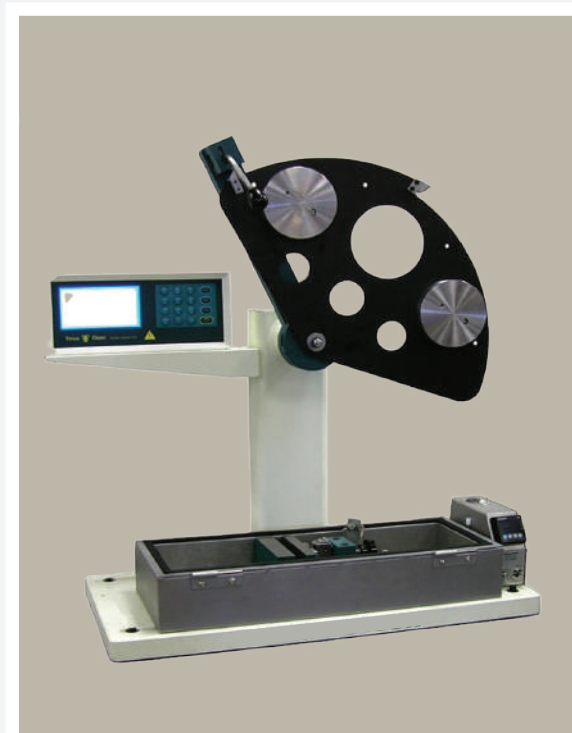


DVT GP D(DLC) S Series

Compression Testing Machine used for compression tests of plastic pipes.

Low Energy Plastics Impact Tester – IT 503 and IT 504

Tinius Olsen's Model IT503 plastics impact tester, along with the Model IT504, continue to set the industry standard for ease of operation, versatility, and display of information with high resolution.



10.000 TONS ANNUAL OUTPUT

