



# DynaGlas® SolarSoft Max

Corrugated Polycarbonate Sheet for Greenhouse Environments

## Description and Overview

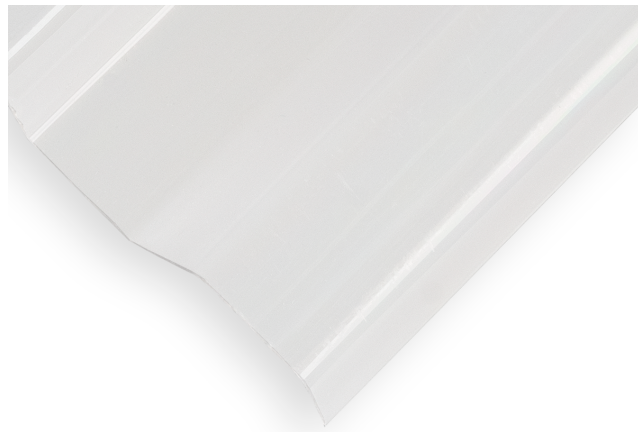
Dynaglas® SolarSoft Max is a corrugated polycarbonate roofing sheet that offers 90% light dispersion while maintaining up to 90% light transmission. It eliminates 100% of harmful UV radiation, only allowing beneficial sunlight through.

Dynaglas® SolarSoft Max provides a 6% increase in light diffused throughout the greenhouse compared to similar polycarbonate greenhouse materials. The combination of increased light diffusion and transmission results in improved plant growth and an overall cooler work environment inside greenhouses. DynaGlas® SolarSoft Max sheets allow for efficient crop growth while minimizing the risk of plant burn from intense light.

## Applications and Uses

Lighter, more impact resistant, and with nearly the same light transmission rates during peak daylight hours, DynaGlas® SolarSoft Max sheets are preferred over glass for greenhouse installations. DynaGlas® SolarSoft Max is recommended for use in greenhouse environments to promote safer and more efficient plant growth. However, it may also be used in areas where sunlight and moisture control are essential.

- Greenhouses
- Areas requiring moisture or sunlight control



Max sheet size: 49.6" x 288"  
Thicknesses: .032"

## Properties and Specifications

Property	DynaGlas® SolarSoft Max
Elongation @ Break	>80%
Tensile Strength (Yield)	7,500 psi
Flexural Modulus	310,000 psi
Flexural Strength	13,500 psi
Hardness, Rockwell	R118
Impact Strength, Izod	18 ft-lb./in.
Self-Ignition Temperature	1030°F
Coefficient of Linear Thermal Expansion	$3.6 \times 10^{-5}$ in./in./°F
Affixable Properties	Chem / Mech

Properties are typical.  
Chem is an abbreviation for chemically affixed with glues, chemicals, or adhesive.  
Mech is an abbreviation for mechanically affixed bonding.  
Field testing is recommended for any application.

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