




DynaGlas® is now available with exclusive SolarSoft™ pigmentation. SolarSoft features all the advanced technology of DynaGlas Plus, such as 100% UV protection and guaranteed condensate control, but with SolarSoft pigmentation, you reap the benefits of up to 100% light diffusion. The table below shows a comparison of DynaGlas Clear, LDT (Light Diffusing Texture), White/Opal and SolarSoft products:

**Benefits of SolarSoft**

- High PAR light transmission
- Diffused, softer light
- Less shadows cast by structural members and/or curtain systems
- Deeper penetration of light into the plant canopy
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Property	Type of DynaGlas and Pigmentation				
	Clear	LDT (Light Diffusing Texture)	White/ Opal	SolarSoft 85	SolarSoft 90
Light Transmission	92%	90.5	45%	85%	90%
Diffusion (Haze)	1%	11%	100%	100%	40%

Light Transmission Characteristics of DynaGlas and Products		
DynaGlas Plus Clear	SolarSoft 90™	SolarSoft 85™
		
92% PAR Light Transmission 1% Diffusion (Haze)	90% PAR Light Transmission 40% Diffusion (Haze)	85% PAR Light Transmission 100% Diffusion (Haze)

The purpose of this added technology is to diffuse the light that is transmitted through the sheet, while still transmitting a high level of PAR light (85% or 90%). The mechanical properties of DynaGlas SolarSoft can be considered the same as other types of DynaGlas, such as Clear, LDT, White/Opal or Gray.

Diffusing the sun's direct radiation has been found to be beneficial for plants. With DynaGlas SolarSoft, plants or flowers get very high levels of PAR light, but direct radiation of infrared is removed, which helps to reduce leaf temperature and plant burning. Furthermore, light penetrates deeper into the canopy, improving plant growth.

SolarSoft can also be beneficial for humans. A person standing under DynaGlas SolarSoft, while receiving almost the same amount of light as with Clear or LDT, will not feel harsh heat-giving radiation from the sun, and therefore will feel much more comfortable. The SolarSoft resin component is UV protected with the same co-extrusion protection as all other DynaGlas products (99.9% UV protection).

DynaGlas SolarSoft incorporates technology that has been used to manufacture polycarbonate products for other markets for several years, thereby ensuring excellent performance, durability, and UV protection.