

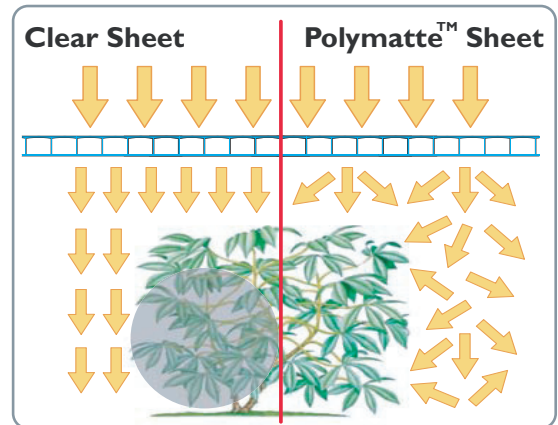
Polygal Polymatte™



Architectural research has shown that both crops with a high plant canopy and ornamental plants with a small canopy can utilize diffused light better than direct light. 8mm Polygal® Polymatte™ sheets provide 77% light transmission and 99% light diffusion.



Plants create food from light and consequently the light received is very important. Plants exposed to direct light (no diffusion) produce a majority of their food from the top leaves facing the sun. Ultimately, diffused light delivers light to all the leaves where photosynthesis is maximized resulting in greater plant food production. The end result is healthier, fuller plant development and less stress on the upper leaves. Polygal is dedicated to producing specialty sheets like Polymatte™ to bring quality and leading edge technology to the consumer.



	Polygal™ Standard 8 mm	Clear Standard 8 mm
Transmission Solar	0.7	0.681
Reflection Solar	0.169	0.151
Shading Coefficient	0.85	0.86
Solar Heat Gain Coefficient	0.73	0.74
U-Factor	3.3	3.3
Light Transmission (%)	77	79
Haze (%)	99	20

Polygal is the leading manufacturer of structured polycarbonate sheets, and is known throughout the world for the outstanding quality of its products. Polygal was the first manufacturer in the world to create structured Polycarbonate sheets, and over the last 35 years has developed and produced a broad spectrum of these products, which are successfully covering a full array of structures worldwide.

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