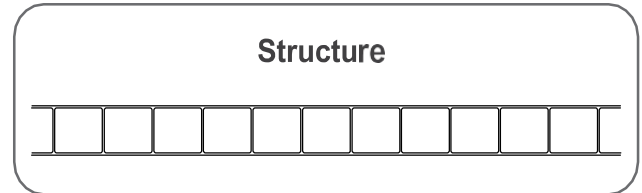


PC Lite Polycarbonate Multiwall Sheet

Type: Multiwall 6mm

Overview

PC Lite polycarbonate reinforced structure yields a strong yet lightweight sheet with high impact strength and considerable thermal insulation. These benefits, combined with its high light transmission, make PC Lite ideal for varied architectural roofing and glazing, as well as high-end agricultural greenhouse covering.



Typical Physical Properties

Property		Units	Value
Overall thickness		mm	6
Area weight		kg/ m ²	1.1
Standard widths*		m	1.22, 2.1
Standard lengths*		m	6, 11.8
Light transmission	Clear	%	80
	Opal	%	35
	Bronze	%	35
U-value (Ug)		Watt/m ² •°K	3.5
Min. cold bending radius		m	1.05
Service temperature	Short term	°C	-40 to 120
	Long term	°C	-40 to 100
Practical thermal expansion/contraction range		mm/m	3
Coefficient of linear thermal expansion		mm/m °C	0.065
of linear thermal expansion		mm/m °C	0.065

IMPACT STRENGTHS

Property		Units	Value
Charpy (notched)		kJ/m ²	>10
Charpy (unnotched)		kJ/m ²	no break
Impact Falling dart (ISO 6603/1)		J	40-400
Sound Reduction			18 db
Sound Transmission Class (STC)	(According to ISO 717)		30 db

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