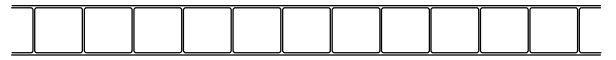


PC Lite Polycarbonate Multiwall Sheet Type: Multiwall 8mm

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.

Structure



Typical Physical Properties

Property	Units	Value	
Overall thickness	mm	8	
Area weight	kg/ m ²	1.4	
Standard widths*	m	1.22, 2.1	
Standard lengths*	m	6, 11.8	
Light transmission	Clear	%	80
	Opal	%	35
	Bronze	%	25
U-value (Ug)	Watt/m ² •°K	3.3	
Min. cold bending radius	m	1.6	
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		19 db
Sound Transmission Class (STC)	(According to ISO 717)	31 db

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