

PC Lite Polycarbonate Compact Sheet Type: Compact 3mm

Overview

PC Lite Polycarbonate Sheets as well as Polycarbonate Rolls have high impact strength and are also high temperature resistant. Both have special co-extruded ultra violet (UV) protection. Virtually unbreakable, and yet as transparent as glass with less than half its weight, Compact Sheets are easy to fabricate as well as to install. Known for their excellent insulation properties, these sheets are suitable for cutting, drilling, bending and thermoforming as well.

Typical Physical Properties

Property		Units	Value
Overall thickness		mm	3
Area weight		kg/ SQM	3.6
Standard widths*		mm	1220
Standard lengths*		mm	2440
Light transmission	Clear	%	80
Min. cold bending radius		m	4
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
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IMPACT STRENGTHS

Property	Units	Value
Low frequencies pre-dominant		21 db
High frequencies predominant		29 db

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