

Polycasa SPC UK Polycarbonate Multiwall Sheet

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

QUINN SPC UK has variety of characteristics and benefits including High impact resistance Weather resistant High heat and sound insulation Long life span Excellent light transmission Transparent Resistant to chemicals Light Weight Superb thermal insulation Roofing and glazing Swimming pool enclosures Cladding Conservatories Skylights Boxes Shelters Protective covers for fragile items Vaults Advertising panels Suspended ceilings Winter gardens Partitions Pergolas Quinn Manufacturing Group rebranded its Plastics Division as Polycasa in 2013.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polycasa-SPC-UK-Polycarbonate-Multiwall-Sheet.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	0.140 g/cc	0.00506 lb/in ³	25 mm - 5 wall
	0.170 g/cc	0.00614 lb/in ³	10 mm - 2 wall

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0290 W/m-K	0.201 BTU-in/hr-ft ² -°F	10 mm - 2 wall
	0.0425 W/m-K	0.295 BTU-in/hr-ft ² -°F	25 mm - 5 wall
Maximum Service Temperature, Air	130 °C	266 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Optical Properties	Metric	English	Comments
Transmission, Visible	14 %	14 %	Opal, 25mm - 5 wall
	17 %	17 %	Bronze Opal, 25mm - 5 wall
	17 %	17 %	Bronze, 25mm - 5 wall
	37 %	37 %	Bronze, 10mm - 2 wall
	45 %	45 %	Opal, 10mm - 2 wall
	62 %	62 %	Clear, 25mm - 5 wall
	88 %	88 %	Clear, 10mm - 2 wall
	UV Transmittance	34 %	34 %
39 %		39 %	Bronze, 25mm - 5 wall
40 %		40 %	Bronze Opal, 25mm - 5 wall

Optical Properties	63 % Metric	63 % English	Clear, 25mm - 5 wall Comments
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