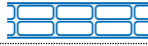
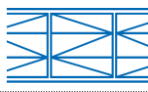
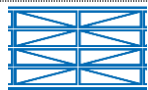


POLYCARBONATE MULTIWALL SHEETS

GENERAL PROPERTIES	VALUE	TEST METHOD
Density	1,2 gr/cm ³	ISO 1183
Water Absorption	% 0,35	ISO 62
Tensile Modulus	2300 MPa	ISO 527
Using Temperatures	-40 °C / +120 °C	
Fire Rate	B-s1, d0	EN 13501-1
Hail Resistance (10-16-20-25-32 mm)	PASSED	Internal Test Method
Vicat Softening Temperature	145 °C	ISO 306

PRODUCT FEATURES											
Thickness (mm)	4	6	8	10	8	10	16	16	20	25	32
Number of Walls	2				4		3	7		9	
Width (mm)	2100*										
Length (mm)	6000 / 12000*										
U Value (w/m²K)	3,77**	3,33**	3,04**	2,83**	2,69**	2,43**	2,10**	1,86**	1,65**	1,35**	1,18**
Min. Cold Bending Radius (mm)	600	900	1200	1500	1200	1500	2800	2400	3000	3750	4800
Coefficient of Linear Thermal Expansion	6.7x10 ⁻⁵ m/m•°C	6,7x10 ⁻⁵ m/m•°C	6.7x10 ⁻⁵ m/m•°C	6.7x10 ⁻⁵ m/m•°C	6.7x10 ⁻⁵ m/m•°C	6.7x10 ⁻⁵ m/m•°C	6.7x10 ⁻⁵ m/m•°C	6.7x10 ⁻⁵ m/m•°C	6.7x10 ⁻⁵ m/m•°C	6.7x10 ⁻⁵ m/m•°C	6.7x10 ⁻⁵ m/m•°C
Sound Reduction (dB)	12	14	15	16	16	17	18	17	19	19	20
g-values*** (Clear Color)	76	75	71	74	61	67	72	55	55	51	49
Fire Rate (EN 13501-1)	B-s1, d 0										
UV Protection (mic)	40-50 (one side)****										

Wall Structure	Thickness (mm)	Overall Thickness Tolerance (mm)	Product Profile	Overall Thickness Tolerance (mm)	Weight (g/m ²)	Mass Tolerance Per Unit Area
2	4	±0,5		±0,5	575 ≤ ; ≥ 850	±5%
	6				900 ≤ ; ≥ 1200	±5%
	8				1150 ≤ ; ≥ 1400	±5%
	10				1200 ≤ ; ≥ 1600	±5%
4	8	±0,5		±0,5	1300 ≤ ; ≥ 1600	±5%
	10				1400 ≤ ; ≥ 2000	±5%
3	16	±0,5		±0,5	1800 ≤ ; ≥ 3000	±5%
7	16	±0,5		±0,5	2400 ≤ ; ≥ 2800	±5%
	20				2750 ≤ ; ≥ 3000	±5%
9	25	±0,5		±0,5	3000 ≤ ; ≥ 3400	±5%
	32				3000 ≤ ; ≥ 3800	±5%

*These values can change depending on customer requests.

** These values are valid for minimum weights

*** g-value is total solar energytransmittance. Measurement made according to EN 410 standard.

**** It can be performed 1 side or 2 sides and higher 40 mic layer according to customer depends.

POLYCARBONATE MULTIWALL SHEETS

PROPERTIES

- Excellent thermal insulation
- UV resistant
- Very high impact resistance
- Easy to cut & machine
- Chemical resistant
- Outstanding weatherability
- Excellent light transmission
- Sound insulation
- Lightweight
- Chemical resistant
- Formable with cold bending

APPLICATION AREAS

- Displays
- Covered walkways
- Walkways
- Skylights
- Curved roof lights
- Windows
- Signage
- Industrial roof lights
- Shelters
- Glazing applications
- Greenhouse coverings

COLORS AND % LIGHT TRANSMITTANCE VALUES (ASTM D1003)									
Wall Structure	Thickness (mm)	Clear	White	White Diffuser	Bronze	Blue	Green	Turquoise	Grey
2	4	79	20	-	30	38	30	28	9
	5	78	18	-	23	35	27	-	7
	6	76	18	51	23	9/17/35	13/27	30	7
	8	76	14	50	15/28	15/28	24	24	8
	10	75	10	60	15/24	15/32	22	26	7
4	8	62	14	50	28	28	24	-	8
	10	61	10/32	50	24	32	22	-	7/10
3	16	73	5	36	18	19	14	-	2
7	16	53	-	28/38	20	-	14	-	-
	20	49	3	28	-	-	-	-	-
9	25	44,5	-	15/26	30	-	-	-	-
	32	40	1	11	-	13	-	-	-

* POLICAM PC MW sheets have CE certification (EN 16153 standard).

