Policam

TECHNICAL DATA SHEET

IşıkPlastik

POLYCARBONATE MULTIWALL SHEET

Technical Spesifications

Specifications	Value	Test Method
Density (gr/cm3)	1,2	ISO 1183
Water Absorption (%)	0.35	ISO 62
Tensile Modulus (Mpa)	2300	ISO 527
Using Temperatures C	-40/+120	
Fire Rate	B-S1d0	EN 13501
Hail Resistance(10-16-20-25-32 mm)	PASSED	Internal Test Method
Vicat Softening Temperature ^{o}C	145	ISO 306

PRODUCT FEATURES

Thickness mm	4	6	8	10	16	16	20	25	32
Number of Walls	2				3	7	7	9	9
Width mm	2100								
Length mm	6000 / 12000								
Weight g/m2	700-850	950-1300	1200-1500	1300-1600	2500	2500-2650	3000	3400	3800
U Value (w/m2K)	3,77*	3,33*	3,04*	2,83*	2,10*	1,86*	1,65*	1,35*	1,18*
Min. Cold Bending Radius (mm)	600	900	1200	1500	2800	2400	3000	3750	4800
Coefficient of Linear Thermal Expansion	6.7x10-5m/m• °C	6,7x10-5m/m•°C	6.7x10-5m/m• °C	6.7x10-5m/m• °C	6.7x10-5m/m• °C	6.7x10-5m/m• °C	6.7x10-5m/m• °C	6.7x10-5m/m• °C	6.7x10-5m/m• °C
Sound Reduction (dB)	12	14	15	16	18	17	19	19	20
Fire Rate (EN 13501-1)	B -S 1, d 0								
Light Transmission %									
Clear	79	75	76	75	73	53	49	45	40
White	20	18	14	10	4,8	-	-	-	-
White Dif.	-	51	50	60	36	28/38	28	26	11
Bronze	30	1/23	15/28	15/24	18	20	-	-	-
Blue	38	17.5/35	15/28	15/32	19	-	-	-	-
Green	30	13.5/27	13.5/24	22	14,5	14.5	-	-	-