

# Data Sheet

## Production Description:

Name: PVC Celuka Board  
Colors: White, Black, grey  
Thickness: 6.0mm—32.0mm  
Standard Dimensions: 1220\*2440mm for 6.0mm—32.0mm  
1560\*3050mm for 6.0mm—15.0mm  
2050\*3050mm for 6.0mm—15.0mm  
Service Temp.: -30 to 55°C

Customized colors and sizes may be available upon request, subject to minimum order quantity.

## Typical Properties:

Properties	Test Method	Unit	Value
Specific gravity	ASTM D1505	g/cm <sup>3</sup>	0.50-0.60
Water absorption	ASTM D570	%	≅ 0.5
Flexural strength at yield	ASTM D790	MPa	20-28
Heat deflection temp	ASTM D648	°C	59-63
VICAT softening temp	ASTM D1525	°C	74-75
Fire Behavior	UL-94	Class	V0
Modulus of Elasticity	ASTM D638	Kg/cm <sup>2</sup>	9000
Hardness	ASTM D676	SHORE D	50-75
Thermal conductivity	DIN 52616	w/mk	0.03-0.07
Rw	DIN52210/84	dB	30-35

UV properties: We would suggest use Celuka for mainly indoor application. Celuka will deform when exposed to temperatures above 70°C. When use it outdoor, yellowing is slow but inevitable process. If the temperature is approx. 50°C and Celuka is without improper support, it will bend in 3-6 months. Limited warranty will be provided only for proper applications indoor, and covers only 1 year for no yellowing issue.

Updated 5th, September, 2016