

# EXPANDED PVC SHEET FOR SIGNS AND DISPLAYS

CELTEC® WHITE Expanded PVC offers a bright, durable white that consistently delivers long-lasting, high-quality printed images on a lightweight sustainable substrate.

## APPLICATIONS

- » Signage and graphics
- » Point-of-Purchase displays
- » Store fixtures
- » Dimensional Letters
- » Exhibits and kiosks
- » Wayfinding and monument signage

## COMPLIANCES

- » FDA
- » RoHS
- » REACH

## TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNITS	VALUES
<b>PHYSICAL</b>			
Specific Gravity	ASTM D792	-	0.54
Water Absorption, 24 hours	ASTM D570	%	0.8
Surface Energy	-	Dyne	36
Hardness	ASTM D224	Shore D	40
<b>MECHANICAL</b>			
Tensile Strength	ASTM D638	psi	2,000
Tensile Modulus	ASTM D638	psi	146,000
Flexural Strength	ASTM D790	psi	3,100
Flexural Modulus	ASTM D790	psi	161,000
Izod impact	ASTM D256	ft-lb/in	0.16
<b>THERMAL</b>			
Coefficient of Linear Expansion	ASTM D696	in/in/°C	3.39 x 10 <sup>-5</sup>
Heat Deflection Temperature @ 264 psi	ASTM D648	°F	105
Vicat Softening Point	ASTM D1525	°F	163
<b>FLAMMABILITY</b>			
Flame Spread Index	E 84	-	Class A
Vertical Burn Test	UL 94	-	V-0
<b>ELECTRICAL</b>			
Dielectric Strength	ASTM D194	kV/in	213

\* Values provided are for 12mm gauge sheet.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.

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