



## VIVAK UV UV Resistant Copolyester Sheet

- High Impact Strength
- UV Resistant - 5 year warranty
- Cost Effective
- Formable and easily decorated

### Product Profile:

VIVAK sheet offers enhanced weatherability in its UV designation for use in outdoor applications, making VIVAK UV an ideal replacement material for either acrylic or standard polycarbonate. VIVAK UV is stronger than acrylic and impact modified acrylics, even after weathering. VIVAK UV resists yellowing and hazing caused by exposure to UV radiation, making it ideal for outdoor applications. VIVAK UV thermoforms with-out predrying, and cold bends to 100 times its thickness. VIVAK UV screen prints and hot stamps with standard equipment and dies.

### Proven Applications:

- Outdoor Displays/Signs
- Advertising Billboards
- Bug Deflectors
- Golf Cart Windshields
- Vending Machines

### Standard Sizes:

- Thicknesses .060" - .236"
- Standard 48" x 96" / 60" x 96"
- Custom lengths available

### Standard Colors:

Clear, Colors on request

Property	VIVAK	Units	ASTM
<b>General</b>			
Specific Gravit	1.27	–	D-792
Water Absorption .125" 24 hrs.	.02	%	D-570
<b>Thermal</b>			
Deflection Temperature at 264 psi	157	°F	D-648
Coefficient of Thermal Expansion	.000038 HB	in./in./°F	D-696
Flammability	178	°F	UL 94
Glass Transition Temperature	250-330	°F	–
<b>Mechanical</b>			
Tensile Strength, Ultimate	7,800	psi	D-638
Tensile Strength, Ultimate	320,000	psi	D-638
Tensile Modulus	12,000	psi	D-790
Flexural Strength at 5% Strain	310,000	psi	D-790
Flexural Modulus .125"	1.7	ft.lb./in. of notch	D-256
Izod Impact Notched .125" at 73°F	1.2	ft.lb./in. of notch	D-256
Rockwell Hardness	53	ft. lbs.	D-3763
	115	R Scale	D-785
<b>Optical</b>			
Light Transmission	86	%	D-1003
Refractive Index	1.57	–	D-542