



FLAMETEC™ KYTEC® PVDF

CURBELL
PLASTICS

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Curbell Plastics is a proud supplier of Vycom materials.

TYPICAL PHYSICAL PROPERTIES*	UNITS OF MEASURE	VALUE	ASTM METHOD
Physical			
Density	g/cm ³	1.75-1.8	D 792
Hardness	Shore D	73-80	D 2240
Absorption	%	0.04	D 5709
Mechanical			
Tensile Strength @ Yield	psi	7,250 - 8,700	D 638
Tensile Modulus	psi	246,500 - 362,600	D 638
Elongation @ Yield	%	5 - 10	D 638
Coefficient of Thermal Linear Expansion	in/in/°F	7.8 x 10 ⁻⁵	D 696
Coefficient of Friction	-	0.15 - 0.35 (Dynamic) 0.2 - 0.4 (Static)	D 1894
Thermal			
Heat Deflection Temp (66 psi)**	°F	293	D 648
Heat Deflection Temp (264 psi)**	°F	230	D 648
Vicat Softening Point	°F	275 - 293	D 1525
Flammability			
Factory Mutual	FM-4910	Listed	-
Vertical Burn Test	UL-94	V-0	-

*: Typical Physical Properties are based on Solef® 6010 resin

**: Heat Deflection Temperature is based on compression molded materials

Physical properties of plastic sheeting are represented as 'Typical'. Information contained herein is considered accurate to the best of our knowledge. It is offered for your consideration and investigation, and is not to be construed as representation or warranty expressed or implied. Our warranties are limited to those expressly stated in formal contracts or in conditions of sale on our invoices and order acceptances. Conditions and methods of use may vary and are beyond the control of Vycom Corporation; therefore, Vycom Corporation disclaims any liability incurred as a result of the use of this product in accordance with the data contained in our physical property charts. No information herein shall be construed as an offer of indemnity for infringement or as a recommendation to use the products in such a manner as to infringe any patent, domestic or foreign.

The 'Typical' properties of our plastic sheet cannot be automatically used when engineering finished components, and the fabricator or end user is responsible for insuring the suitability of our products for their specific application or end use!