

Typical Physical Properties: Vintec II PVC

Property	Units of Measure	Value	ASTM Method
Physical			
Density	g/cm ³	1.35	D 792
Water Absorption	%	0.16	D 570
Rockwell Hardness	R Scale	106	D 785
Shore Durometer	D	85	D 224
Cell Class	-	16444-D	D 1748
Mechanical			
Tensile Modulus	psi	396,000	D 638
Yield Strength	psi	7,400	D 638
Flexural Modulus	psi	400,000	D 790
Yield Strength	psi	10,000	D 790
Izod Impact Strength	ft-lb/in	18	D 256
Thermal			
Vicat Softening Point	°C/°F	83/181	D1525
Heat Deflection Temp (66 psi)	°C/°F	82/179	D 648
Heat Deflection Temp (264 psi)	°C/°F	80/176	D 648
Coefficient of Linear Expansion	in/in/°C	6.3 x 10 ⁻⁵	D 696
Coefficient of Linear Expansion	In/in/°F	3.5 x 10 ⁻⁵	D 696
Flammability Ratings			
Flame Spread Index	—	15	E 84
Flammability	—	0	UL 94V
Flammability	—	Self Extinguishing	D635
Chemical			
Chemical Resistance	-	Class D	D 1784
Electrical			
Electrical Volume Resistivity	Ohm/cm	6.0 x 10 ¹⁵	D 257
Dielectric Constant	60 Hz	3.03	D 150
Dissipation Factor	60 Hz	0.0083	D 150
Loss Index	60 Hz	0.025	D 150
Dielectric Strength	Volts / mil	645	D 149

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 a 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; therefore, Vycom 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!

UL® is a registered trademark of United Laboratories.

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.

CORTEC® and VINTEC® are registered trademarks of PLASKOLITE LLC

PLASKOLITE

CURBELL
PLASTICS

1-888-CURBELL

www.curbellplastics.com

Curbell Plastics is a proud supplier of Plaskolite materials.

400 W Nationwide Blvd, Suite 400
Columbus, OH 43215
800.848.9124 • Fax: 877.538.0754
plaskolite@plaskolite.com
www.plaskolite.com

PDS498_VYC_Cor_Vin_II