VYCOM®
OLEFIN & PVC SHEET

CORRTEC® VINTEC I PVC

VYCOM CORRTEC Vintec I is a normal impact, highly corrosion resistant PVC sheet. Its exceptional corrosion resistance is ideally suited for applications where maximum chemical defense is necessary.

APPLICATIONS

» Chemical Processing Equipment
» Acid Baths and Plating Tanks
» Fabricated Piping Components
» Pool Components

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNITS	VALUES
PHYSICAL			
Density	ASTM D792	g/cm^3	1.42
Water Absorption	ASTM D570	%	0.06
Rockwell Hardness	ASTM D785	R Scale	115
Shore Durometer	ASTM D224	D	89
Cell Class	ASTM D1784	-	12454-B
MECHANICAL			
Tensile Modulus	ASTM D638	psi	411,000
Tensile Yield Strength	ASTM D638	psi	7,500
Flexural Modulus	ASTM D790	psi	481,000
Flexural Yield Strength	ASTM D790	psi	12,800
Izod Impact Strength	ASTM D256	ft-lb/in	1.0
THERMAL			
Vicat Softening Point	ASTM D1525	°C/°F	83/181
Heat Deflection Temp (66 psi)	ASTM D648	°C/°F	82/179
Heat Deflection Temp (264 psi)	ASTM D648	°C/°F	80/176
Coefficient of Linear Expansion	ASTM D696	in/in/°C	5.8×10^{-5}
Coefficient of Linear Expansion	ASTM D696	in/in/°F	3.2×10^{-5}
FLAMMABILITY			
Flame Spread Index	ASTM E 84	-	20
Flammability	UL 94	-	V-0
Flammability	ASTM D635	-	Self Extinguishing
CHEMICAL			
Chemical Resistance	ASTM D1784	-	Class B
Electrical			
Electrical Volume Resistivity	ASTM D257	Ohm/cm	5.4×10^{15}
Dielectric Constant	ASTM D150	60 Hz	3.9
Dissipation Factor	ASTM D150	60 Hz	0.0096
Loss Index	ASTM D150	60 Hz	0.030
Dielectric Strength	ASTM D149	Volts/mil	544

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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