

CORRTEC Corzan CPVC Sheet

Typical Properties

Physical	TEST METHOD	UNITS	VYCOM CORRTEC CORZAN CPVC
Water Absorption, 24 hours	ASTM D570	%	0.03
Density	ASTM D792	g/cm ³	1.47
Shore Durometer	ASTM D2240	D	85
Cell Classification	ASTM D1784		24446
Rockwell Hardness	ASTM D785	R Scale	117

Mechanical	TEST METHOD	UNITS	VYCOM CORRTEC CORZAN CPVC
Tensile Strength	ATSM D638	psi	7,300
Flexural Strength	ASTM D790	psi	12,700
Tensile Modulus	ATSM D638	psi	390,000
Izod Impact	ASTM D256	ft-lb/in	10.0
Flexural Modulus	ASTM D790	psi	382,000

Thermal	TEST METHOD	UNITS	VYCOM CORRTEC CORZAN CPVC
Fire Resistance (per NSF standards)	ASTM D635	in/minute	Did not burn
Thermal Conductivity	ASTM C177	BTU	0.95
Vertical Burn Test	UL 94		V-0
Coefficient of Linear Expansion	ASTM D696	in/in/°F	3.8 x 10 ⁻⁵
Heat Deflection Temperature @ 264 psi	ASTM D648	°F	194
Limiting Oxygen Index	ASTM D 2863	%	58-62

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 determine the suitability of our materials and suggestions before adopting them on a commercial scale.

Questions? Please contact Plaskolite Customer Support 800-848-9124