

## CORZAN® CPVC

TYPICAL PHYSICAL PROPERTIES	Units of Measure	Value	ASTM Method
<b>Physical</b>			
Density	g/cm <sup>3</sup>	1.47	D 792
Water Absorption	%	.03	D 570
Rockwell Hardness	R Scale	116	D 785
Cell Class	-	24446-B	D1784
<b>Mechanical</b>			
Izod Impact (Notched)	Ft-/ lb/ino.n.	9	D 256
Tensile Strength	psi	7300	D 638
Flexural Strength	psi	14,300	D 790
Flexural Modulus	psi	361,00	D 790
Compressive Strength	psi	10,100	D 695
Compressive Modulus	psi	196,000	D 695
<b>Thermal</b>			
Heat Deflection Temp (264 psi)	°F	198	D 648
Coefficient of Linear Expansion	in/in/°F	3.86x10 <sup>-5</sup>	D 696
Thermal Conductivity	BTU/in/hr/ft <sup>3</sup> /°F	0.95	C 177
<b>Flammability Ratings</b>			
Flammability	V-0,5VB,5VA	0.062"	UL 94
Flame Spread Index	—	15	E 84
Limiting Oxygen Index	%	60	D2863
<b>Electrical</b>			
Dielectric Strength	Volt/MIL	1250	D 147
Dielectric Constant	60 HZ	3.70	D 150
Volume Resistivity	Omh/cm	3.4x10 <sup>15</sup>	D 257
Power Factor	1000 HZ	0.007%	D 150



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