

<b>TYPICAL PROPERTIES OF CORZAN®/CPVC</b>			
<b>ASTM or UL test</b>	<b>Property</b>	<b>Units</b>	<b>Value</b>
<b>PHYSICAL</b>			
D792	Specific Gravity	g/cm <sup>3</sup>	1.47
D570	Water Absorption	%	0.03
D785	Rockwell Hardness	R Scale	116
D1784	Cell Class	-	24446-B
<b>MECHANICAL</b>			
D256	Izod Impact (Notched)	ft-lb/in o.n.	9
D638	Tensile Strength	psi	7300
D790	Flexural Strength	psi	14,300
D790	Flexural Modulus	psi	361,000
D695	Compressive Strength	psi	10,100
D695	Compressive Modulus	psi	196,000
<b>THERMAL</b>			
D696	Coefficient of Thermal Expansion	in/in/°F	3.86 × 10 <sup>-5</sup>
C177	Thermal Conductivity	BTU/in/hr/ft <sup>3</sup> /°F	0.95
D648	Heat Distortion Temperature @ 264 psi	°C /°F	92/198
<b>FLAMMABILITY RATINGS</b>			
UL94	Flammability	V-0, 5VB, 5VA	0.062"
E84	Flame Spread	-	15
D2863	Limiting Oxygen Index	%	60
<b>ELECTRICAL</b>			
D147	Dielectric Strength	Volt/MIL	1250
D150	Dielectric Constant	60 HZ	3.70
D150	Power Factor	1000 HZ	0.007%
D257	Volume Resistivity	Ohm/cm	3.4 × 10 <sup>15</sup>

These products are available from

