



Raw Material Material Specifications

Compound A

@ TEMPERATURE (°F)	DISSOLVE RATE (IN/HR)
100	0.0094
120	0.0272
160	0.0673
200	0.1079

<i>Ultimate Tensile Strength</i>	22,423 psi
<i>Ultimate Compressive Strength</i>	69,372 psi
<i>Flexural Strength</i>	45,629 psi
<i>Yield Strength</i>	17,100 psi
<i>Shearing Strength</i>	18,434 psi
<i>Elongation</i>	1.28 %

Compound B

@ TEMPERATURE (°F)	DISSOLVE RATE (IN/HR)
120	0.0043
160	0.0122
200	0.0413

<i>Ultimate Tensile Strength</i>	28,935 psi
<i>Ultimate Compressive Strength</i>	70,764 psi
<i>Flexural Strength</i>	60,945 psi
<i>Yield Strength</i>	18,202 psi
<i>Shearing Strength</i>	21,103 psi
<i>Elongation</i>	3.54 %

Compound C

@ TEMPERATURE (°F)	DISSOLVE RATE (IN/HR)
120	0.0146
160	0.0283
200	0.0406

<i>Ultimate Tensile Strength</i>	31,633 psi
<i>Ultimate Compressive Strength</i>	61,235 psi
<i>Flexural Strength</i>	75,869 psi
<i>Yield Strength</i>	14,562 psi
<i>Shearing Strength</i>	24,859 psi
<i>Elongation</i>	4.90 %



Raw Material Materials Specifications (Cont'd.)

Compound D

@ TEMPERATURE (°F)	DISSOLVE RATE (IN/HR)
200	0.0323
230	0.0346
300	0.1118
340	0.1406

<i>Ultimate Tensile Strength</i>	30,313 psi
<i>Ultimate Compressive Strength</i>	>72,461 psi
<i>Flexural Strength</i>	73,288 psi
<i>Yield Strength</i>	16,302 psi
<i>Shearing Strength</i>	27,963 psi
<i>Elongation</i>	5.20 %

Compound E

@ TEMPERATURE (°F)	DISSOLVE RATE (IN/HR)
200	0.0469
230	0.0654
300	0.0961
340	0.1059

<i>Ultimate Tensile Strength</i>	28,645 psi
<i>Ultimate Compressive Strength</i>	>72,461 psi
<i>Flexural Strength</i>	63,352 psi
<i>Yield Strength</i>	16,694 psi
<i>Shearing Strength</i>	25,701 psi
<i>Elongation</i>	3.64 %