



### CHEMICAL ELEMENT COMPOSITION(TYPICAL DATA) PPM

	Al	Fe	K	Li	Cu	Na	B	Ca	Mg	P	Ti	OH
<b>C-H100</b>	8	0.2	0.2	0.1	0.01	0.4	---	0.6	0.01	---	1.9	<5

### TRANSPARENT QUARTZ GLASS TUBE PROPERTY

Property	C-H100
Density	$2.21 \times 10^3 \text{ kg/m}^3$
Hardness	580 HKN <sub>100</sub>
Tensile Strength	$4.9 \times 10^7 \text{ Pa(N/m}^2\text{)}$
Compression Strength	$>1.1 \times 10^9 \text{ Pa}$
Coefficient of Thermal Expansion (20-300°C)	$5.5 \times 10^{-7} \text{ cm/cm } ^\circ\text{C}$
Thermal Conductivity (20°C)	1.4W/m °C
Specific Heat	700J/kg °C
Softening Point	1760 °C
Annealing Point	1260 °C

### TRANSMISSION CURVE

C-H100 TRANSMISSION

