

CHEMICAL ELEMENT COMPOSITION(TYPICAL DATA) PPM

	Al	Fe	K	Li	Cu	Na	B	Ca	Mg	P	Ti	OH
C-100/101	25	0.8	1.2	0.8	0.08	2	0,5	0.8	0.25	---	---	30-150

TRANSPARENT QUARTZ GLASS TUBE PROPERTY

Property	C-100/101
Density	$2.2 \times 10^3 \text{ kg/m}^3$
Hardness	570 HKN ₁₀₀
Tensile Strength	$4.8 \times 10^7 \text{ Pa(N/m}^2\text{)}$
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	660J/kg °C
Softening Point	1630 °C
Annealing Point	1180 °C

TRANSMISSION CURVE

