



Soda-lime Glass Technical Specification

Composition

SiO ₂	Na ₂ O	CaO	MgO	Al ₂ O ₃	K ₂ O	SO ₃	Fe ₂ O ₃
72.60%	13,90%	8.40%	3.90%	1.10%	0.60%	0.20%	0.11%

Physical& Chemical Data

1	Water resistance	ISO0719 III
2	Acid resistance	ISO0195 III
3	Alkali resistance	ISO0695 III
4	Flexural Strength	165/mm ²
5	Density	2.52g/cm ³
6	Transmissivity	91%
7	Surface compressive stress	77N/mm ²
8	Coefficient of expansion(20-300)	≤8.5*10 ⁻⁶ /K
9	Max Working Temperature	150Deg.C
10	Thermal Shock Resistance	ΔT 50K
11	Softening Point	715+/-10Deg.C
12	Annealing point	550Deg.C