



## Chemical Composition:

Silicon Dioxide (69% to 74%)  
Calcium Oxide (5% to 14%)  
Sodium Oxide (10% to 16%)  
Magnesium Oxide (0% to 6%)  
Aluminum Oxide (0% to 3%)  
Other (0% to 5%)

## Reeded pattern Glass

### Description:

Pattern glass is a decorative flat glass produced by a rolling process in which patterns are impressed on one or both surfaces before hardening.

### Key Features:

- Available with single or double-sided patterns
- Pattern depths vary to create light diffusion and partial privacy
- Distorts visibility while allowing light transmission
- Offered in a variety of designs: grids, dots, rhombuses, stripes
- Combines functional privacy with artistic aesthetics

### Applications:

Commonly used in interior partitions, doors, windows, shower enclosures, and decorative panels where both light and privacy are desired.

**Country of Origin:** China

**Manufacture:** Jinjing

**Meets Standards:** ASTM C1036-11

## Physical and Mechanical Properties

Characteristic	Symbol	Value and unit
Density	g/cm <sup>3</sup>	2 5076
Knop hardness	Kgf/mm <sup>2</sup>	456
Elasticity modulus	GPa	73.1
Rupture Modulus(Tensile Strength-ultimate)	Mpa	41.4
Transformation Temperature	Degree	556
Linear Coefficient of expansion between 20° Cand 300°	Degree	9.28 x10-6
Intenerate Temperature or Yield Point	Degree	606
Softening Point	Degree	710
High Temperature Viscosity log2	Degree	1392
High Temperature Viscosity log3	Degree	1152
Liquid Phase Temperature	Degree	1008

### Glass Lite Tolerances (Stock Sheet Size)

Nominal Thickness	Thickness Tolerances	Dimension Tolerances
3 mm	±0.3mm	±4mm
4mm - 5 mm	±0.4mm	±4mm
6 mm - 10 mm	±0.5mm	±4mm