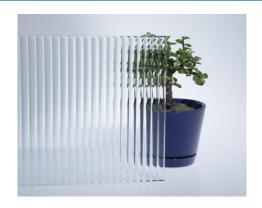
# **Performance Data Sheet**





#### **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/cm3	2 5076
Knop hardness	Kgf/mm <sup>2</sup>	456
Elasticity modulus	GPa	73.1
Rupture Modulus(Tensile Strength-ultimate)	Мра	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)

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