

THE TEMPERED GLASS

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钢化玻璃

Product 产品介绍

After the glass is heated up to about 700°C, it then undergoes a process of sudden cooling, which forms mutual constraining force over the glass, as a result, the tempered glass has a stronger resistance to bending and impact.

钢化玻璃是通过在钢化炉内将玻璃加热到软化点附近，然后将其快速均匀冷却，在其表面形成均匀的压应力，而内部则形成张应力，使其机械强度提高，有效改善了玻璃的抗风压和抗冲击性能，提高玻璃抗热震性。



According to the different processing extent it can be divided into two parts: Fully tempered glass and half tempered glass.(also called: heat strength glass.) According to the shape it can be divided into the tempered plane glass and the tempered curved glass.

根据处理程度不同又可分为钢化 and 半钢化玻璃(又称热增强玻璃)。钢化玻璃按形状分为平面钢化玻璃和曲面钢化玻璃。



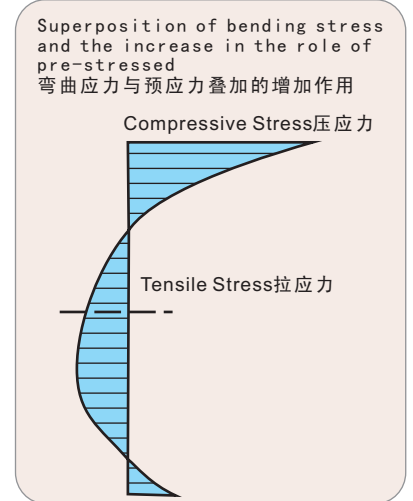
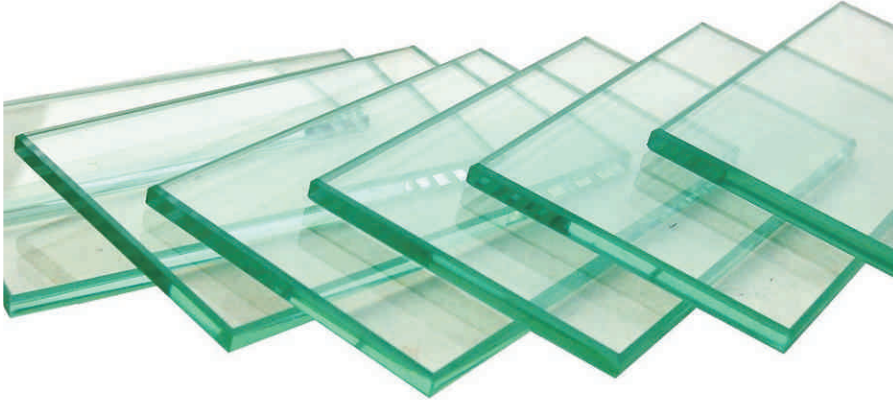
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Features 产品特性

The tempered glass is 3-4 times as strong as the common glass.
钢化玻璃的强度约为普通玻璃的3-4倍。



If broken by the external force, it will become bean-sized scrap, and less risk of personal injury.
当玻璃被外力破坏时,成为豆粒大小的颗粒,减少对人体的伤害。



On the other hand, without any crack, it can tolerate the temperature variations within a range of 0°C to 200°C.
同时,可抵抗0°C到200°C的温度变化,无热炸裂。

