

The Making of Glass

By Pandhu Saerang and Aleisha
Connell

Materials Needed

- Sand (up to 70 per cent)
- Soda
- Limestone



Heating

Sand, which along with soda and limestone is heated to about 17,000c.



Molten Glass

- It melts to form molten glass, which is then moulded or flattened to the preferred shape or product.
- Recycled glass can also be added to the mix.



Unbreakable Glass

Mixture!

- Glass can be tougher by varying the composition of its mixture.
- If boric oxide is substituted for sand, glass with very high thermal shock resistance is made.

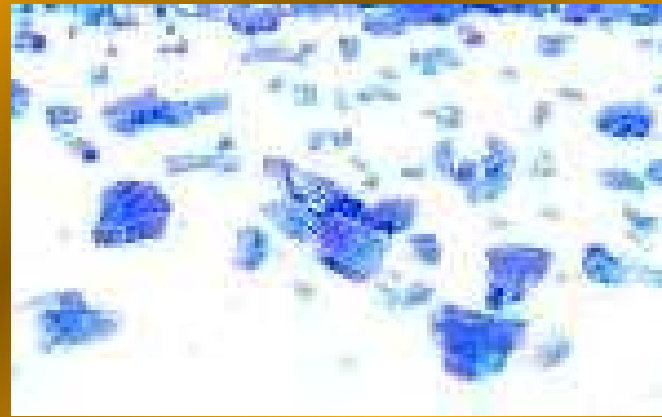
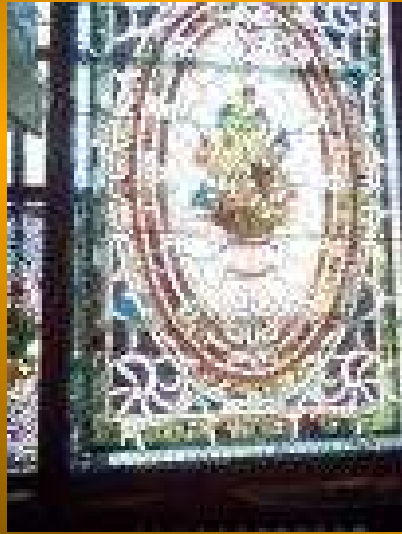
Oven-proof

This type of glass is oven-proof and is often marketed under the name Pyrex.

TV Glass

- The glass on the front of a television contains small amounts of barium oxide.
- This is important because barium absorbs X-rays, which are generated by a TV when it is operating.





Picture Gallery



Thankyou

Thankyou to everyone for watching this!

