

Glass manufacture and recycling

Producing one ton of glass from scratch requires the following resources:

600 kg. of sand

200 Kg. of soda ash

200 Kg. of limestone

70 Kg. of feldspar

120,000 litres of water

15 million BTU's of energy

melts at 2,800 degrees Fahrenheit

Recycling one ton of glass yields the following statistics:

Saves 1.2 tons of raw materials

creates 20% less air pollution

Saves 10 gallons of oil

requires 50% less water (60,000 litres)

requires 32% less energy

melts at 2,500 degrees Fahrenheit

√ By recycling one bottle you save enough energy to run a 100 watt light bulb for 4 hours.

√ Each person in the U.S. uses about 400 bottles and jars a year.

√ Glass containers make up about 3% of all the materials in the landfill in Oregon.

√ Bottles can be made of up to 50% recycled glass.